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1989
Apr-June

NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

Arranged by State, City and Institution

Announced during
APRIL, MAY, JUNE 1989

DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service

August 1989

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National Institutes of Health

PREPARED BY

U. S. NATIONAL INSTITUTES OF HEALTH
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DIVISION OF RESEARCH GRANTS
INFORMATION SYSTEMS BRANCH

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ACTIVITY CODES

C06	CANCER RESEARCH FACILITIES (NCI)	R01 RESEARCH PROJECT GRANTS--TRADITIONAL R10 COOPERATIVE CLINICAL RESEARCH R18 RESEARCH DEMONSTRATION AND DISSEMINATION PROJECTS R15 ACADEMIC RESEARCH ENHANCEMENT AWARDS (AREA) R21 EXPLORATORY/DEVELOPMENTAL GRANTS
D42	HAZARDOUS WASTE WORKER HEALTH/SAFETY TRAINING GRANT	R21 U.S.-JAPAN COOPERATIVE MEDICAL SCIENCE PROGRAM
D43	INTERNATIONAL TRAINING GRANT IN EPIDEMIOLOGY	R22 YOUNG, NEW, AND SPECIAL INVESTIGATOR AWARDS R23 RESOURCE-RELATED RESEARCH PROJECTS (DRR)
F05	INTERNATIONAL FELLOWSHIPS (NCI) PS (FIC)	R24 EDUCATION PROJECTS
F06	SENIOR INTERNATIONAL FELLOWSHIPS (FIC)	R25 NATIONAL ORGAN SITES PROJECT (NCI) OR AWARDS R26 NATIONAL INDEPENDENT RESEARCH SUPPORT AND TRANSITION (FIRST) AWARD
F15	FOGARTY INTERNATIONAL SCHOLARSHIPS (FIC)	R29 FIRST INDEPENDENT RESEARCH SUPPORT GRANT (DRR)
F20	FRENCH, SWEDISH POSTDOCTORAL FELLOWSHIPS	R30 OUTSTANDING INVESTIGATOR GRANTS
F31	PREDOCTORAL INDIVIDUAL NATIONAL RES. SERVICE AWD.	R35 SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE I
F32	POSTDOCTORAL INDIVIDUAL NAT'L RES. SERVICE AWD.	R43 SMALL BUSINESS INNOVATION RESEARCH GRANTS (SBIR)--PHASE II
F33	NATIONAL RESEARCH SERVICE AWARD FOR SENIOR FELLOWS	R44 MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)
F34	MARC (NRSA) FACULTY FELLOWSHIPS (NIGMS)	
F36	MARC VISITING SCIENTIST FELLOWSHIPS (NIGMS)	
G07	RESOURCES IMPROVEMENT GRANT (NLM)	S03 MINORITY HIGH SCHOOL STUDENT RESEARCH APPRENTICE PROGRAM (DRR)
G08	RESOURCES PROJECT GRANT (NLM)	S06 MINORITY BIOMEDICAL SUPPORT -MBS (DRR)
G12	RESEARCH CENTERS IN MINORITY INSTITUTIONS AWARD	S07 BIOMEDICAL RESEARCH SUPPORT GRANT (DRR)
G20	GRANTS FOR REPAIR, RENOVATION AND MODERNIZATION OF EXISTING RESEARCH FACILITIES	S08 BIOMEDICAL RESEARCH DEVELOPMENT GRANT (DRR)
K01	RESEARCH SCIENTIST DEV. AWARD--RES. AND TRAINING	S10 BIOMEDICAL RESEARCH SUPPORT SHARED INSTRUMENTATION GRANTS (DRR)
K04	MODIFIED RESEARCH CAREER DEVELOPMENT AWARD	S11 MINORITY BIOMEDICAL RESEARCH SUPPORT THEMATIC PROJECT GRANTS (DRR)
K07	ACADEMIC INVESTIGATOR AWARDS	S14 MINORITY BIOMEDICAL RESEARCH SUPPORT GRANT PROGRAM FOR UNDERGRADUATE COLLEGES (DRR)
K08	CLINICAL INVESTIGATOR AWARD	
K10	SPECIAL SCIENTIFIC PROJECTS (NLM)	
K11	PHYSICIAN SCIENTIST AWARD (INDIVIDUAL)	T32 INSTITUTIONAL NATIONAL RESEARCH SERVICE AWARD T34 MARC UNDERGRADUATE NRSA INSTITUTIONAL GRANTS TRAINING
K12	PHYSICIAN SCIENTIST AWARD (PROGRAM)	
K14	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD	
M01	GENERAL CLINICAL RESEARCH CENTERS (DRR)	U01 RESEARCH PROJECT (COOPERATIVE AGREEMENTS)
K01	RESEARCH AND PROJECT CONTRACTS	U10 COOPERATIVE CLINICAL RESEARCH (COOPERATIVE AGREEMENTS)
N43	SMALL BUSINESS INNOVATION RESEARCH (SBIR)--PHASE I	U26 ORGAN SYSTEM COORDINATING CENTER (COOPERATIVE AGREEMENTS)
P01	RESEARCH PROGRAM PROJECTS	U41 BIOTECHNOLOGY RESOURCES (COOPERATIVE AGREEMENTS)
P20	EXPLORATORY GRANTS	U50 SPECIAL COOPERATIVE HEALTH INVESTIGATIONS AND ASSESSMENTS OF CONTROL AND PREVENTION METHODS
P30	CENTER CORE GRANTS	
P40	ANIMAL RESOURCE GRANT PROGRAM (DRR)	
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P50	SPECIALIZED CENTER	
P51	PRIMATE RESEARCH CENTER GRANTS (DRR)	
P60	COMPREHENSIVE CENTER	

SYMBOLS USED TO IDENTIFY THE ADMINISTERING INSTITUTE OR DIVISION

AG	NATIONAL INSTITUTE ON AGING
AI	NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AR	NATIONAL INSTITUTE OF ARTHRITIS AND MUSCULOSKELETAL AND SKIN DISEASES
CA	NATIONAL CANCER INSTITUTE
CB	DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
CM	DIVISION OF CANCER TREATMENT
CN	DIVISION OF CANCER PREVENTION AND CONTROL
CO	OFFICE OF THE DIRECTOR, NCI
CP	DIVISION OF CANCER ETIOLOGY
CL	CLINICAL CENTER
CT	DIVISION OF COMPUTER RESEARCH AND TECHNOLOGY
DE	NATIONAL INSTITUTE OF DENTAL RESEARCH
DK	NATIONAL INSTITUTE OF DIABETES AND DIGESTIVE AND KIDNEY DISEASES
ES	NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY	NATIONAL INSTITUTE OF EYE INSTITUTE
GM	NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD	NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL	NATIONAL HEART, LUNG, AND BLOOD INSTITUTE
HB	DIVISION OF BLOOD DISEASES AND RESOURCES
HC	DIVISION OF EPIDEMIOLOGY AND CLINICAL APPLICATIONS
HI	DIVISION OF INTRAMURAL RESEARCH
HO	OFFICE OF THE DIRECTOR, NHLBI
HR	DIVISION OF LUNG DISEASES
HV	DIVISION OF HEART AND VASCULAR DISEASES
LM	NATIONAL LIBRARY OF MEDICINE
OD	OFFICE OF THE DIRECTOR, NIH
DS	DIVISION OF SAFETY
NR	NATIONAL CENTER FOR NURSING RESEARCH
NS	NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE
RG	DIVISION OF RESEARCH GRANTS
RR	DIVISION OF RESEARCH RESOURCES
RS	DIVISION OF RESEARCH SERVICES
TW	FOGARTY INTERNATIONAL CENTER

NIH GRANTS AWARDED DURING APRIL, MAY, & JUNE 1989 BY ADMINISTERING INSTITUTE

	TOTAL AWARDS		RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS	
	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS	NO.	DOLLARS
AG	89	10,447,766	82	10,013,720	6	351,415	1	82,631	0	0	0	0
AI	167	16,280,382	147	15,224,207	6	371,656	8	466,409	1	72,110	5	146,000
AR	72	7,134,081	70	6,985,201	2	148,880	0	0	0	0	0	0
CA	268	31,845,171	261	31,503,815	5	292,356	0	0	0	0	2	49,000
CB	3	496,783	0	0	0	0	3	496,783	0	0	0	0
CM	21	6,058,775	0	0	0	0	21	6,058,775	0	0	0	0
CN	11	1,296,095	0	0	0	0	11	1,296,095	0	0	0	0
CO	7	1,222,075	0	0	0	0	7	1,222,075	0	0	0	0
CP	22	2,665,446	0	0	0	0	22	2,665,446	0	0	0	0
DE	43	3,664,977	29	2,815,547	11	706,214	1	92,516	1	16,200	1	34,500
DK	143	15,640,426	100	13,409,983	13	931,143	5	449,558	2	190,992	23	658,750
ES	44	7,026,090	24	2,735,384	2	108,864	12	3,949,068	1	112,934	5	119,840
EY	54	3,542,098	38	2,845,308	4	263,858	1	171,119	0	0	11	261,813
GM	302	28,757,680	236	26,314,929	3	161,482	0	0	10	1,042,352	53	1,238,917
HB	3	1,916,685	0	0	0	0	3	1,916,685	0	0	0	0
HC	1	905,491	0	0	0	0	1	905,491	0	0	0	0
HD	90	12,654,268	66	9,394,744	2	127,625	10	2,614,181	5	346,618	7	211,100
HL	223	28,335,902	176	25,828,937	23	1,590,203	0	0	3	356,191	21	560,571
HO	1	49,000	0	0	0	0	1	49,000	0	0	0	0
HR	7	1,629,997	0	0	0	0	7	1,629,997	0	0	0	0
LM	7	5,809,049	1	28,844	0	0	6	5,780,205	0	0	0	0
NR	38	2,886,830	16	2,473,298	0	0	0	0	1	111,032	21	302,500
NS	89	8,197,082	30	3,664,871	10	622,648	11	3,033,813	0	0	38	875,750
OD	1	500,000	0	0	0	0	1	500,000	0	0	0	0
RR**	136	28,676,690	130	26,344,703	0	0	0	0	0	0	0	0
TW***	75	2,081,036	0	0	0	0	0	0	0	73	1,956,036	
Total	1,917	229,759,875	1,406	179,583,491	87	5,676,344	132	33,379,847	24	2,248,429	260	6,414,777

*INCLUDES CANCER CONTROL GRANTS AND COOPERATIVE AGREEMENTS

**INCLUDES 6 GRANTS AND 2,331,987 DOLLARS FOR CONSTRUCTION GRANTS

***INCLUDES 2 GRANTS AND 125,000 DOLLARS FOR INTERNATIONAL TRAINING GRANTS IN EPIDEMIOLOGY

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

ALABAMA		TITLE OF RESEARCH PROPOSAL	
BIRMINGHAM			
BAPTIST MEDICAL CENTERS--BAPTIST MEDICAL CENTER-PRINCETON			
1S15 CA51267-01	OTTO, DAVID A	SMALL INSTRUMENTATION PROGRAM	
INSTITUTION TOTAL	1	5,502	
1S15 CA51357-01	SANI, BRAHMA P	SMALL INSTRUMENTATION PROGRAM	
INSTITUTION TOTAL	1	20,157	

UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM		SMALL INSTRUMENTATION PROGRAM	
1S15 CA51303-01	ALVAREZ, JOSE O	ISCHEMIC AND REPERFUSION INJURY IN CARDIAC HYPERTROPHY	
1R29 HL40702-01A1	ANDERSON, PETER G	SMALL INSTRUMENTATION PROGRAM	
1S15 CA51277-01	BLAINEY, KEITH D	VLDLATHEROSCLEROSIS AND THROMBOSIS-MECHANISTIC LINKS	
1R01 HL43373-01	BRADLEY, WILLIAM A	STUDIES OF CHICKEN T CELL SUBLINEAGES	
1R01 GM42751-01	BUGY, R. PAT	PURCHASE OF RAPID KINETIC INSTRUMENT	
1S10 RR04650-01	CHEUNG, HERBERT C	ORAL RISK FACTORS IN CHILDREN WITH LEUKEMIA	
1R03 DE08888-01A1	CHILLERS, NOEL K	PNEUMOCOCCAL CELL SURFACE PROTECTION ELICITING MOLECULES	
1R01 AI127201-01A1	MCDANIEL, LARRY S	BIOLOGICAL ROLE OF GELATINASE ANGIOTENSIN II INDUCTION PDGF SMOOTH MUSCLE CELLS	
1R29 DE08580-01A1	MOORE, WILLIAM G	SMALL INSTRUMENTATION PROGRAM	
1R29 HL43052-01	NAFTIAN, ALLAN J	PROTEOGLYCANs OF HEALTHY & INFLAMED GINGIVAL FIBROBLASTS	
1S15 AI129010-01	PITTMAN, JAMES A	TRANSGENIC MOUSE MODEL FOR SICKLE CELL DISEASE	
1R03 DE09134-01	RAHEMTULLA, FIROZ	GENETICS & VIRULENCE OF PNEUMOCOCCAL CAPSULAR TYPES	
1R01 HL43508-01	TOWNS, TIM M		
1R01 AI128457-01	YOTHER, JANET L		
INSTITUTION TOTAL	14	1,426,343	
CITY TOTAL	16	1,452,002	

JACKSONVILLE STATE UNIVERSITY		CLOCKED FIXED-TIME SCHEDULES	
1R15 HD25601-01	PALYA, WILLIAM L	68,028	
INSTITUTION TOTAL	1	68,028	
CITY TOTAL	1	68,028	
TUSCALOOSA			
UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA		PURCHASE OF A HIGH RESOLUTION MASS SPECTROMETER	
1S10 RR04847-01	CAINE, DRURY S, III	400,000	
1S15 CA51316-01	NEVILLE, JAMES A	9,278	
INSTITUTION TOTAL	2	409,278	
CITY TOTAL	2	409,278	

NIH
RESEARCH GRANTS

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR
STATE TOTAL 19 1,929,308

ARIZONA FLAGSTAFF NORTHERN ARIZONA UNIVERSITY 1R15 DK41439-01 1R01 HL41986-01A1	GUNDERSON, HANS M LINDSTEDT, STAN L	ENDURANCE TRAINING EFFECTS ON GLUCOSE METABOLISM MUSCLE ADAPTABILITY AND RESPIRATORY SYSTEM DESIGN	
		INSTITUTION TOTAL	2
		CITY TOTAL	182,546
			182,546
SCOTTSDALE SOUTHWEST BIOMEDICAL RESEARCH INSTITUTE 1S15 CA51289-01	GEMMILL, ROBERT M	SMALL INSTRUMENTATION PROGRAM	
		INSTITUTION TOTAL	1
		CITY TOTAL	5,995
			5,995
TEMPE ARIZONA STATE UNIVERSITY 1S15 GM43391-01 1R35 CA44344-01A1	JACOBS, BERTRAM L PETTIT, GEORGE R	SMALL INSTRUMENTATION PROGRAM NCI OUTSTANDING INVESTIGATOR GRANT	
		INSTITUTION TOTAL	2
		CITY TOTAL	412,107
			412,107
PRIVATE FOUNDATION OF ARIZONA 1R24 RR05234-01	FRITZ, JO	IMPROVEMENT OF INSTITUTIONAL ANIMAL RESOURCES	
		INSTITUTION TOTAL	2
		CITY TOTAL	242,219
			242,219
TUCSON UNIVERSITY OF ARIZONA 1S15 CA51280-01 1S10 RR04861-01	COLE, JACK R ENEMARK, JOHN H HAGEDORN, HENRY H KANOST, MICHAEL R KOMM, BARRY S VIERLING, ELIZABETH WHITEFIELD, G KERR ZIEGLER, ROLF	SMALL INSTRUMENTATION PROGRAM X-RAY STRUCTURE DETERMINATION SYSTEM HOMOLOGOUS GENE TRANSFER SYSTEMS FOR THE MOSQUITO SERINE PROTEASE INHIBITORS IN INSECTS CABP GENE INTERACTION WITH VITAMIN D3 RECEPTOR EXPRESSION & FUNCTION OF ORGANELLE HEAT SHOCK PROTEINS STRUCTURE/FUNCTION STUDIES OF THE VITAMIN D RECEPTOR CONTROL OF PEPTIDE HORMONE LEVELS IN INSECTS	
		INSTITUTION TOTAL	3
		CITY TOTAL	654,326
			654,326
INSTITUTION TOTAL		988,290	
			988,290
			988,290
			988,290

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	8	988,290	
STATE TOTAL	14	1,831,157	
ARKANSAS LITTLE ROCK UNIVERSITY OF ARKANSAS MEDICAL SCIENCES AT LITTLE ROCK	GANDY, JAY HENLE, KURT J	ROLE OF GLUTATHIONE IN MALE REPRODUCTIVE TOXICITY SMALL INSTRUMENTATION PROGRAM	95,696 28,690
INSTITUTION TOTAL CITY TOTAL	2	124,386 124,386	
STATE TOTAL	2	124,386	
CALIFORNIA ANAHEIM EMPLOYMENT AND REHABILITATION	INSTITUTE OF CALIFORNIA MATHESON, LEONARD N	PREVENTION OF DISABILITY- INDUCED RETIREMENT	49,362
INSTITUTION TOTAL CITY TOTAL	1	49,362 49,362	
BELMONT NORTHERN CALIFORNIA CANCER CENTER	DAVIS, THOMAS E	SMALL INSTRUMENTATION PROGRAM	6,521
INSTITUTION TOTAL CITY TOTAL	1	6,521 6,521	
BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY	BEDNARSKI, MARK D DRUBIN, DAVID G KING, JANET C KING, MARY C NANDI, SATYABRATA PETTI, PAULA L SHASTRIR, NILABH WOOD, DAVID L	ENZYMATIC METHODS IN NATURAL PRODUCT SYNTHESIS MOLECULAR ANALYSIS OF THE YEAST ACTIN CYTOSKELETON ZINC ABSORPTION IN DIABETIC PREGNANT WOMEN GENETIC EPIDEMIOLOGY OF IN UTERO HIV TRANSMISSION TRANSFORMATION OF HUMAN BREAST EPITHELIAL CELLS IN VITRO MULTIPLE SCATTERING IN 3D CHARGED PARTICLES TMT PLANNING MOLECULAR MODEL FOR T CELL RECEPTOR-LIGAND INTERACTIONS SMALL INSTRUMENTATION PROGRAM	90,382 151,113 235,488 188,266 196,276 179,963 119,777 76,882
INSTITUTION TOTAL	8	1,138,147	

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

CALIFORNIA BERKELEY		UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY LABORATORY		CODING & NONCODING REGIONS IN DNA SEQUENCES SMALL INSTRUMENTATION PROGRAM		DOLLARS AWARDED	
1R01	GM40903-01A1	JUKES, THOMAS H				65,070	
1S15	HL43932-01	SILVERMAN, PAUL H				50,483	
INSTITUTION TOTAL		2		115,553			
CITY TOTAL		10		1,253,700			
DAVIS UNIVERSITY OF CALIFORNIA AT DAVIS							
1R01	HD25476-01	ACREDODO, LINDA P	IMPACT OF SYMBOLIC GESTURING ON INFANT DEVELOPMENT			138,519	
1R01	HD24112-01A1	DEWEY, KATHRYN G	EFFECTS OF EXERCISE ON LACTATION PERFORMANCE IN HUMANS			151,798	
1R01	CA50371-01	GOLD, ELLEN B	FAMILY HISTORY IN CHILDREN WITH BRAIN TUMORS			37,985	
1R29	CA49624-01	HINRICHSEN, STEVEN H	EFFECT OF HTLV-I TAT EXPRESSION IN TRANSGENIC MICE			98,586	
1S10	RR04795-01	LA MAR, GERD N	PURCHASE OF HIGH FIELD NMR SPECTROMETER			400,000	
1R01	A128580-01	LAUW, PAUL A	FELINE IMMUNODEFICIENCY VIRUS GENE EXPRESSION			232,659	
1R01	HL43609-01	LUCIW, PAUL A	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS			197,905	
1R01	HD25907-01	OVERSTREET, JAMES W	BASIC AND APPLIED RESEARCH ON SPERM CRYOPRESERVATION			171,084	
1R01	HL43032-01	PLOPPER, CHARLES G	REGULATORS OF CLARA CELL DIFFERENTIATION IN LUNG			136,724	
INSTITUTION TOTAL		9		1,565,260			
CITY TOTAL				1,565,260			
DUARTE CITY OF HOPE NATIONAL MEDICAL CENTER							
1S15	CA51359-01	COMINGS, DAVID E	SMALL INSTRUMENTATION PROGRAM			21,500	
1S15	CA51334-01	HOLDEN, JOSEPH T	SMALL INSTRUMENTATION PROGRAM			22,759	
INSTITUTION TOTAL		2		44,259			
CITY TOTAL		2		44,259			
IRVINE UNIVERSITY OF CALIFORNIA AT IRVINE							
1S10	RR05053-01	BRADSHAW, RALPH A	HIGH SENSITIVITY PROTEIN ISOLATION/ANALYTICAL SYSTEM			185,000	
1R01	GM42447-01	HUDSON, RICHARD R	MATHEMATICAL ANALYSIS OF DNA VARIATION WITHIN NATURAL P			73,872	
1R01	AG07546-01A1	LEON, MICHAEL A	NEURAL DETOXIFICATION SYSTEMS IN THE AGED			76,340	
1R01	GM42546-01	O'CONNOR, MICHAEL B	REGULATORY ORGANIZATION OF THE BIOTHORAX COMPLEX			130,807	
1S10	RR04674-01	OVERMAN, LARRY E	PURCHASE OF A 300 MHZ NMR SPECTROMETER			104,000	
1R29	CA48713-01A1	SAMOSZUK, MICHAEL K	ENZYME IMMUNOAUGMENTATION OF HODGKIN'S DISEASE			112,206	
1R01	GM42533-01	SCOTT, JOHN DONALD	MOLECULAR ANALYSIS OF CAMP-DEP KINASE INHIBITOR PROTEINS			144,973	
1S15	CA51321-01	SMITH, L DENNIS	SMALL INSTRUMENTATION PROGRAM			43,739	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLIARS AWARDED
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA AT IRVINE			
1S10 RR04770-01	SMITH, MOYRA	GENETISCAN MASTER KARYOTYPING SYSTEM	153,000
1R01 GM42365-01	WASMUTH, JOHN J	HIGH RESOLUTION PHYSICAL MAPS OF 4P AND 5Q	361,099
INSTITUTION TOTAL	10	1,385,036	
CITY TOTAL	10	1,385,036	
LA JOLLA			
AGOURON INSTITUTE	HOWARD, RANDALL F	SMALL INSTRUMENTATION PROGRAM	6,393
1S15 AI29052-01			
INSTITUTION TOTAL	1	6,393	
LA JOLLA CANCER RESEARCH FOUNDATION			
1R24 RR05260-01	ENGVALL, EVA	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	99,989
INSTITUTION TOTAL	1	99,989	
LA JOLLA CLINIC RESEARCH FOUNDATION			
1S15 CA51335-01	RUOSIAHTI, ERKKI I	BECKMAN ULTRACENTRIFUGE L7-65	39,115
INSTITUTION TOTAL	1	39,115	
MEDICAL BIOLOGY INSTITUTE			
1S15 AI29056-01	KATZ, DAVID H	SMALL INSTRUMENTATION PROGRAM	21,989
1S10 RR04686-01	KATZ, DAVID H	USE OF GAMMA IRRADIATOR ON BIOLOGICAL SAMPLES	124,000
INSTITUTION TOTAL	2	145,989	
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1S15 GM43436-01	ECKHART, WALTER	SMALL INSTRUMENTATION PROGRAM	69,267
1R24 RR05452-01	SPAHN, GERARD J	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	79,250
INSTITUTION TOTAL	2	148,517	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1R01 AI28197-01	ALTMAN, AMNON	T CELL IMMUNITY AND SYNTHETIC PEPTIDE AIDS VACCINES	202,448
1R01 AI28479-01	BABIOR, BERNARD M	OXIDASE-RELATED 48K PHOSPHOPROTEIN OF HUMAN NEUTROPHILS	152,800
1R01 CA49870-01	KIPPS, THOMAS J	ANTIBODY V GENE EXPRESSION IN HUMAN B CELL MALIGNANCIES	142,971
1S15 AI29070-01	LEERNER, RICHARD A	SMALL INSTRUMENTATION PROGRAM	89,832
1R01 HL43179-01	PLOW, EDWARD F	PLATELET RECEPTORS FOR FIBRINogen AND THROMBOSPONDIN	205,849
1R01 GM42455-01	SCHMID, SANDRA L	ANALYSIS OF EARLY STEPS IN RECEPTOR-MEDIATED ENDOCYTOSIS	118,287

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

CALIFORNIA

LA JOLLA SCRIPPS CLINIC AND RESEARCH FOUNDATION
1R29 AI127506-01A1 SCHRAUFSTATTER, INGRID U

1R01 GM43836-01 SUTCLIFFE, J GREGOR
1R01 EY08043-01 TRAVIS, GABRIEL H
1R01 CA47869-01A1 ZALMAN, LEORA S

INSTITUTION TOTAL 10 1,508,954

UNIVERSITY OF CALIFORNIA AT SAN DIEGO

1R01 AG08415-01 ANCILI - ISRAEL SONIA
1S15 GM43388-01 ATTIEH, RICHARD
1R01 HL43154-01 BROWN, MARVIN R
1R37 HL44147-01 CHIEN, SHU
1R01 HL43617-01 COVELL, JAMES W
1R01 NS26739-01 ELLISMAN, MARK H
1R01 GM40790-01A1 FRIEDMANN, THEODORE
1R01 AG08514-01 GAGE, FRED H
1R01 HL43523-01 KORNBLUTH, RICHARD S
1S10 RR04754-01 LANGLAIS, PHILIP J
1R29 CA49649-01 LEE, EVA Y
1R01 AR40050-01 LIEBER, RICHARD L
1R01 CA49963-01 MERCOLA, DANIEL A
1R13 CA50386-01 ROYSTON, IVOR
1R29 HL43275-01 TAKIYYUDDIN, MARWAN A
1S10 RR04733-01 TRAYLOR, TEDDY G
1S10 RR04838-01 XUONG, NGUYEN-HUU

INSTITUTION TOTAL 17 3,261,313
CITY TOTAL 34 5,210,270

LIVERMORE
UNIVERSITY OF CALIFORNIA-LAWRENCE LIVERMORE NATIONAL LABORATORY

IMAGE ANALYSIS SYSTEM

INSTITUTION TOTAL 1 210,000
CITY TOTAL 1 210,000

210,000

LONG BEACH
CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LONG BEACH
1R01 CA49553-01 BURHANSSTIPANOV, LINDA K
1S15 AG08784-01 JENSEN, JAMES
INSTITUTION TOTAL 2 155,959

151,229
4,730

ROLE OF OXIDANTS IN ACUTE INFLAMMATORY INJURY
PHYSICAL APPROACH TO GENETICS OF CEREBELLUM DEVELOPMENT
MOLECULAR ANALYSIS OF PHOTORECEPTOR DEGENERATION
MECHANISM OF LYMPHOCYTE CYTOTOXICITY & SELF PROTECTION

SLEEP CONSOLIDATION IN A NURSING HOME POPULATION
SMALL INSTRUMENTATION PROGRAM
CARDIOVASCULAR BIOLOGY OF NEUROPEPTIDE Y
ROLE OF BLOOD CELL PROPERTIES IN CIRCULATORY REGULATION
MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM
PACKAGING & AXONAL TRANSPORT OF THREE MACROMOLECULES
PHYSICAL MAP OF THE HUMAN X CHROMOSOME
GRAFTING GENETICALLY MODIFIED CELLS TO THE BRAIN
ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS
NEUROCHEMICAL ANALYZER
CANCER SUPPRESSING & DEVELOPMENTAL FUNCTIONS OF RB GENE
MUSCLE INJURY: MECHANISM, PREVENTION & TREATMENT
APPLICATION OF ANTISENSE FOS AND SIS RNA TO HUMAN TUMORS
FOURTH INTERNATIONAL CONFERENCE ON MONOCLONAL ANTIBODY
CHROMOGRANIN A IN EXPERIMENTAL HYPERTENSION
500 MHZ SPECTROMETER
DATA COLLECTION SYSTEM FOR SMALL PROTEIN CRYSTALS

141,565
67,441
213,021
192,492
191,200
163,190
404,742
273,999
211,126
107,000
107,489
169,773
126,413
7,500
84,362
400,000
400,000

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER

CITY TOTAL

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

CALIFORNIA
LOS ANGELESCALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--CALIFORNIA STATE UNIVERSITY AT LOS ANGELES
1R15 HD25686-01 PEITZ, BETSY

INSTITUTION TOTAL 1 98,727

CEDARS-SINAI MEDICAL CENTER
1R01 AI28747-01 HO, DAVID D

INSTITUTION TOTAL 1 154,173

HIV-1 INFECTION OF CD4-NEGATIVE NEURONAL CELLS

CHILDHOOD BRAIN TUMORS: PROGNOSIS AND HOMOGENEITY
1R01 CA449532-01 GILLES, FLOYD H
1R01 CA49843-01 HOLCENBERG, JOHN
1R01 CA50559-01 LAUG, WALTER E

INSTITUTION TOTAL 3 613,587

CHILDHOOD BRAIN TUMORS: PROGNOSIS AND HOMOGENEITY
1R01 CA449532-01 GILLES, FLOYD H
1R01 CA49843-01 HOLCENBERG, JOHN
1R01 CA50559-01 LAUG, WALTER EDEOXYCYTIDINE KINASE CONTROL AND ARA-C RESISTANCE
1R01 EY08106-01 SUZUKI, SHINTARO

INSTITUTION TOTAL 3 310,189

ESTELLE DOHENY EYE FOUNDATION
1R01 AG07891-01A1 BLANKS, JANET M
1S15 EY08441-01 OGDEN, THOMAS E
1R01 EY08106-01 SUZUKI, SHINTARO

INSTITUTION TOTAL 1 12,908

12,908

SMALL INSTRUMENTATION PROGRAM

LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY-UNIV OF SO CALIFORNIA MED CTR
1R01 HL42084-01A1 SOBIN, SIDNEY S

INSTITUTION TOTAL 1 152,024

152,024

UNIVERSITY OF CALIFORNIA AT LOS ANGELES
1R29 NS27812-01 BREDESEN, DALE E
1R03 DE09032-01 CHANDLER, SCOTT H
1R01 CA50275-01 CLINE, MARTIN J
1R29 HL43379-01 DEMER, LINDA L
1R01 CA50443-01 DENNY, CHRISTOPHER T

INSTITUTION TOTAL 1 152,024

MOLECULAR EFFECTS OF SPECIFIC HIV PROTEINS ON THE CNS
1R29 NS27812-01 BREDESEN, DALE E
1R03 DE09032-01 CHANDLER, SCOTT H
1R01 CA50275-01 CLINE, MARTIN J
1R29 HL43379-01 DEMER, LINDA L
1R01 CA50443-01 DENNY, CHRISTOPHER TMOLECULAR EFFECTS OF SPECIFIC HIV PROTEINS ON THE CNS
1R29 NS27812-01 BREDESEN, DALE E
1R03 DE09032-01 CHANDLER, SCOTT H
1R01 CA50275-01 CLINE, MARTIN J
1R29 HL43379-01 DEMER, LINDA L
1R01 CA50443-01 DENNY, CHRISTOPHER TMOLECULAR EFFECTS OF SPECIFIC HIV PROTEINS ON THE CNS
1R29 NS27812-01 BREDESEN, DALE E
1R03 DE09032-01 CHANDLER, SCOTT H
1R01 CA50275-01 CLINE, MARTIN J
1R29 HL43379-01 DEMER, LINDA L
1R01 CA50443-01 DENNY, CHRISTOPHER TMOLECULAR EFFECTS OF SPECIFIC HIV PROTEINS ON THE CNS
1R29 NS27812-01 BREDESEN, DALE E
1R03 DE09032-01 CHANDLER, SCOTT H
1R01 CA50275-01 CLINE, MARTIN J
1R29 HL43379-01 DEMER, LINDA L
1R01 CA50443-01 DENNY, CHRISTOPHER TMOLECULAR EFFECTS OF SPECIFIC HIV PROTEINS ON THE CNS
1R29 NS27812-01 BREDESEN, DALE E
1R03 DE09032-01 CHANDLER, SCOTT H
1R01 CA50275-01 CLINE, MARTIN J
1R29 HL43379-01 DEMER, LINDA L
1R01 CA50443-01 DENNY, CHRISTOPHER T

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL		
CALIFORNIA LOS ANGELES		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES		
1R29 CA50780-01 ECONOMOU JAMES S	THE THERAPEUTIC REGULATION OF TNF IN IL-2 IMMUNOTHERAPY	86,558
1S15 EY08444-01 FRANK JOY S	SMALL INSTRUMENTATION PROGRAM	81,436
1R01 GM42421-01 GRUNSTEIN MICHAEL	CHROMOSOMAL REPRESSION OF THE YEAST SILENT MATING LOCI	161,568
1R01 NR02030-01A1 KILLION CHERYL M	COEXISTENCE OF PREGNANCY AND HOMELESSNESS	106,572
1R25 CA49565-01 LI, VIRGINIA C	CANCER EDUCATION PROGRAM FOR CHRONIC DISEASE PREVENTION	306,952
1R29 DE09174-01 LINDEMANN ROBERT A	NK AND MONOCYTE REGULATION IN PERIODONTAL DISEASE	89,459
1R01 HL42488-01 LUSIS ALDONS J	LIPOPROTEIN METABOLISM GENETIC CONTROL	268,510
1S10 RR04921-01 REISLER EMIL	CIRCULAR DICHROISM SPECTROPOLARIMETER	127,000
1R13 DK41633-01 TACHE YVETTE F	INTERNATIONAL SYMPOSIUM ON BRAIN-GUT INTERACTIONS	2,000
1R01 CA50339-01 WETSTEIN, FELIX O	IMMUNOLOGY OF VIRUS INDUCED PAPILLOMAS/CARCINOMAS	258,708
INSTITUTION TOTAL	15	2,014,954
UNIVERSITY OF SOUTHERN CALIFORNIA		
1R01 GM42942-01 ARNHEIM NORMAN	GENETIC AND MOLECULAR STUDIES OF RNA	401,531
1R01 CA50261-01 BROEK DANIEL L	ISOLATION AND ANALYSIS OF PROTEINS WHICH REGULATE RAS	173,484
1R29 GM42644-01 DUNCAN, ROGER F	HEAT STRESS EFFECTS ON PROTEIN SYNTHESIS AND PROTEIN PHO	97,485
1R01 GM42554-01 GOODMAN, MYRON F	THE BIOCHEMICAL BASIS OF SOS-INDUCED MUTAGENESIS	145,106
1R13 CA49520-01 HENDERSON BRIAN E	EPIDEMIOLOGY AND CANCER REGISTRIES/PAC	215,000
1R35 CA49758-01 JONES, PETER A	DNA METHYLATION IN DEVELOPMENT AND CANCER	317,806
1S10 RR04955-01 KEDES, LAURENCE H	CAMPUS LINK IN MOLECULAR BIOLOGY--COMPUTER NETWORK	398,000
1R01 CA50850-01 LEVINE, ALEXANDRA M	EPIDEMIOLOGY OF HIV-RELATED LYMPHOMA	425,654
1R01 HL41341-01A1 MEISELMAN HERBERT J	HEMORHEOLOGY IN SICKLE CELL ANEMIA AND RELATED DISORDERS	131,293
1R01 AG07892-01A1 MORGAN DAVID G	CHANGES IN BRAIN ASTROCYTES WITH AGING	154,150
1R29 GM42704-01 YANG, GILBERT K	ENERGETICS AND DYNAMICS OF ORGANOMETALLIC REACTIONS	90,028
1R01 HD26635-01 YING, SHAO-YAO	FOLLISTATIN--NOVEL PROTEIN INHIBITS FSH RELEASE	184,918
INSTITUTION TOTAL	12	2,544,455
CITY TOTAL	37	5,901,017
MENLO PARK SRI INTERNATIONAL		
1S15 CA51295-01	SMALL INSTRUMENTATION PROGRAM	42,232
INSTITUTION TOTAL	1	42,232
CITY TOTAL	1	42,232
MOUNTAIN VIEW BIOTRACK INC		
1R43 HL42700-01	ASSESSMENT OF CLOT LYSIS BY LASER LIGHT SCATTER SYSTEM	50,000
INSTITUTION TOTAL	1	50,000

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CALIFORNIA,
MOUNTAIN VIEW
INFORMATION ANALYSIS CORPORATION
1R43 AR39926-01 CODE, RONALD L

INSTITUTION TOTAL 1
CITY TOTAL 2

PATIENT CARE FUNCTIONS FOR AN ARTHRITIS DATABASE SYSTEM

50,000
100,000

OAKLAND
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE
1R01 AG05188-01A3 BARKER, WILLIAM H
1R35 CA49761-01 FRIEDMAN, GARY D
1S15 CA51299-01 LAIRSON, PAUL D
1R01 AG07433-01A2 RIED, L DOUGLAS

INSTITUTION TOTAL 4

690,459

PERALTA CANCER RESEARCH INSTITUTE
1S15 CA51266-01 HACKETT, ADELINE J

INSTITUTION TOTAL 1
CITY TOTAL 5

8,779
699,238

PALO ALTO
PALO ALTO MEDICAL FOUNDATION RESEARCH INSTITUTE
1S15 HL43933-01 COOPER, ALLEN D

INSTITUTION TOTAL 1

13,244

SYNTEX CORPORATION--SYNTEX (USA), INC.-RESEARCH DIVISION
1R01 HL43399-01 NAVRE, MARC E

INSTITUTION TOTAL 1

47,700

TECTRA INC
1R43 NS27793-01 LOH, IH-HOUNG

INSTITUTION TOTAL 1
CITY TOTAL 3

50,000
110,944

PASADENA
CALIFORNIA INSTITUTE OF TECHNOLOGY
1S15 AG08787-01 BROKAW, CHARLES J

SMALL INSTRUMENTATION PROGRAM

56,634

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1R01 GM42966-01 1R01 GM42824-01	DERVAN, PETER B TANOUYE, MARK A	SITE SPECIFIC CHEMICAL METHODS FOR CLEAVING GENOMIC DNA ION CHANNELS: MOLECULAR AND BIOPHYSICAL ASPECTS	236,906 153,818
INSTITUTION TOTAL CITY TOTAL	3	447,358 447,358	
RICHMOND BIOGROWTH, INC 1R43 GM43611-01	TALKINGTON-VERSER, CAROL A	IDENTIFICATION OF TISSUE-SPECIFIC IGF-CP VARIANTS	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
RIVERSIDE UNIVERSITY OF CALIFORNIA AT RIVERSIDE 1S10 RR05070-01 1S15 HL44023-01	JURNAK, FRANCES A NORMAN, ANTHONY W	COMPLETE AREA DETECTOR SYSTEM FOR BIOTECH RESEARCH SMALL INSTRUMENTATION PROGRAM	130,000 13,881
INSTITUTION TOTAL CITY TOTAL	2	143,881 143,881	
SAN CARLOS CHRONONMED, INC 1R43 DK41597-01	SAUNDERS, ALEX M	IMPROVED RESOLUTION OF METABOLIC CONTROL IN DIABETES	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
SAN DIEGO CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY 1S15 GM43385-01 1R01 HL44467-01 1S15 CA51281-01	NEEL, JAMES W SALLIS, JAMES F SCUTCHFIELD, F DOUGLAS	SMALL INSTRUMENTATION PROGRAM SPORTS PLAY AND ACTIVE RECREATION FOR KIDS SMALL INSTRUMENTATION PROGRAM	16,817 495,955 6,771
INSTITUTION TOTAL CITY TOTAL	3	519,543 519,543	
CORVAS, INC 1R43 HL42695-01	SOULE, HOWARD R	THERAPEUTIC ANTI-THROMBOTIC MONOCLONAL ANTIBODIES	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SAN DIEGO GEN-PROBE INC. 1R43 CA49321-01	BHATT, RAM S	SYNTHESIS OF POTENTIAL ANTIVIRAL AND ANTITUMOR AGENTS	49,834
INSTITUTION TOTAL	1		49,834
TELIOS PHARMACEUTICALS INC. 1R43 GM42278-01	POLAREK, JAMES W	DEVELOPMENT OF AN ARG-GLY-ASP-BASED WOUND HEALING AGENT	50,000
INSTITUTION TOTAL	1		50,000
UNITED STATES INTERNATIONAL UNIVERSITY 1R29 DK41969-01	HANSON, CINDY L	CARDIOVASCULAR AND METABOLIC HEALTH IN HIGH RISK YOUTH	87,967
INSTITUTION TOTAL	1		87,967
UNIVERSITY OF SAN DIEGO 1R01 NR01931-01A1	QUAYHAGEN, MARY P	COGNITIVE STIMULATION TRAINING IN ALZHEIMERS FAMILIES	110,409
INSTITUTION TOTAL	1		110,409
CITY TOTAL	8		867,753
SAN FRANCISCO ERNEST GALLO CLINIC AND RESEARCH CENTER 1R01 HL43380-01	MOCHLY-ROSEN, DARIA D M	ROLES OF PROTEIN KINASE C IN CARDIAC MYOCYTES	119,131
INSTITUTION TOTAL	1		119,131
MEDICAL RESEARCH INSTITUTE OF SAN FRANCISCO 1R29 GM43299-01	SHINE, NANCY	ANALYSIS OF LECTIN:CARBOHYDRATE INTERACTIONS USING NMR	112,816
INSTITUTION TOTAL	1		112,816
SAM TECHNOLOGY INC. 1R43 NS27392-01	GEVINS, ALAN S	NEURO-STATION--NEUROELECTRIC RESEARCH WORKSTATION	49,997
INSTITUTION TOTAL	1		49,997
SMITH-KETTLEWELL EYE RESEARCH FOUNDATION 1S15 EY08450-01	TYLER, CHRISTOPHER W	SMALL INSTRUMENTATION PROGRAM	16,113
INSTITUTION TOTAL	1		16,113

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1S15 CA51298-01 1R01 AG07618-01A1 1R29 HL43020-01 1R01 NR02131-01 1R01 HL42282-01 1R01 A126344-01A2 1R01 HL43322-01 1R01 CA49996-01 1R13 CA50647-01 1R01 A127128-01 1R01 AR39959-01 1R01 HL42968-01 1R01 DK40990-01 1R01 CA50539-01 1R01 NR02215-01 1R01 CA50210-01 1S10 RR04821-01 1R29 DK40556-01A1 1R01 DK39998-01A2 1R01 HD25331-01 1R01 CA47537-01A1 1R01 AR39710-01A1 1S10 RR04917-01 1R01 EY08037-01 1S10 RR04789-01 1R01 CA50030-01 1R01 DK41572-01 1R01 HL42150-01A1 1R01 AI25099-01A3 INSTITUTION TOTAL	BARONDES, SAMUEL H BEYENE, YEWOBNDAR BRAY, PAUL F CARRIÈRE-KOHLMAN, VIRGINIA L COLERTIDGE, JOHN C CONTE, JOHN E COUGHLIN, SHAUN CUNHA, GÉRALD R DEWEY, WILLIAM C EDMAN, JEFFREY C EPSTEIN, ERVIN H, JR GITSCHIËR, JANE M GRUNFELD, CARL HASEGAWA, BRUCE H HOLZEMER, WILLIAM L HOSHINO, TAKAO JAMES, THOMAS L KAM, WING LAVIN, THOMAS N MARTIN, GAIL R MAYALL, BRIAN H MENDELSON, ROBERT A, JR NICHOLIS, BARBARA A OH, JANG O OPPENHEIMER, NORMAN J PEREZ-STABLE, ELISEO J RAMSAY, RONA R SIMPSON, PAUL C, JR SZOKA, FRANCIS C, JR UNIVERSITY OF THE PACIFIC 1R01 HL44200-01 INSTITUTION TOTAL CITY TOTAL	SMALL INSTRUMENTATION PROGRAM MENOPAUSE AGING & OSTEOPOROSIS: CROSS-CULTURAL INQUIRY CELLULAR CONSEQUENCES OF DEFECTIVE T1B AND T1IA GENES NURSE COACHED PRACTICE FOR RELIEF OF DYSPNEA LUNG AND AIRWAY AFFERENTS AND THE IR REFLEX ROLE INHALED PENTAMIDINE PROPHYLAXIS FOR P. CARINII PNEUMONIA CELL AND MOLECULES MEDIATING GRAFT ATHEROSCLEROSIS PROSTATIC REGRESSION - DEVELOPMENTAL APPROACH U S PARTICIPATION IN HYPERTHERMIA CONSENSUS MEETING MOLECULAR BIOLOGY OF PNEUMOCYSTIS CARINII BASAL CELL CARCINOMA - CLONING OF TUMOR SUPPRESSOR GENE MOLECULAR BASIS AND THERAPY OF HEMOPHILIA A ROLE OF CYTOKINS IN HYPERLIPIDEMIA & WASTING OF AIDS DEVELOPMENT OF AN EMISSION-TRANSMISSION CT SYSTEM QUALITY OF NURSING CARE OF PEOPLE WITH AIDS RAPID ESTIMATION OF HUMAN BRAIN TUMOR GROWTH KINETICS SELF-SHIELDED GRADIENT COILS FOR IN VIVO NMR INSTRUMENT GASTROINTESTINAL-LIVER ALKALINE PHOSPHATASES THYROID HORMONE RECEPTOR DNA RECOGNITION MUTATING SPECIFIC GENES BY ALTERING ES CELLS CYTOMETRIC AND OTHER MARKERS OF HUMAN BLADDER CANCER NEUTRON DIFFRACTION STUDIES OF MUSCLE CONTRACTION ELECTRON MICROSCOPE EYE INFECTION OF CYTOMEGALOVIRUS QE 300 NMR SPECTROMETER CONTROL-INTERVENTIONS FOR HISPANIC MITOCHONDRIA-ENZYMES INHIBITION METABOLIC CONSEQUENCES A1-ADRENERGIC REGULATION OF CARDIAC GENE EXPRESSION TARGETED CHEMOTHERAPY TO HIV INFECTED MACROPHAGES	36,378 135,671 84,474 201,830 231,713 134,133 269,698 136,121 2,500 147,743 162,882 136,541 145,525 160,007 170,582 86,545 133,000 91,114 221,346 151,062 244,069 250,105 159,000 184,201 258,000 315,814 158,886 185,438 207,376 4,801,754 258,501 258,501 5,358,312 104,147
SAN JOSE CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN JOSE STATE UNIVERSITY 1R15 NR02120-01 INSTITUTION TOTAL	MURPHY, SUSAN O MORALES, MANUEL F 1 34	SIBLING-INFANT RELATIONSHIPS IN CHILDBEARING FAMILIES	104,147

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

CALIFORNIA SAN JOSE INSTITUTE FOR MEDICAL RESEARCH OF SANTA CLARA COUNTY		LEAVITT, JOHN C	ROLE OF METASCHEMATIN PROTEINS IN NEOPLASIA	69,415	DOLLARS AWARDED
INSTITUTION TOTAL	1		69,415		
CITY TOTAL	2		173,562		
SANTA BARBARA UNIVERSITY OF CALIFORNIA AT SANTA BARBARA			SMALL INSTRUMENTATION PROGRAM	25,743	
1S15 EY08434-01	ORIAS, EDUARDO				
INSTITUTION TOTAL	1		25,743		
CITY TOTAL	1		25,743		
SANTA CLARA LITMUS CONCEPTS, INC.	LAWRENCE, PAUL J		METABOLIC SCREENING PANEL FOR INFECTIOUS VAGINITIS	42,198	
1R43 AI28148-01					
INSTITUTION TOTAL	1		42,198		
SCHONBERG RADIATION CORPORATION	SCHONBERG, RUSSELL G		COMPUTER MEDIATED STEREOTAXIC RADIOSURGERY	50,000	
1R43 NS27782-01					
INSTITUTION TOTAL	1		50,000		
CITY TOTAL	2		92,198		
SANTA CRUZ UNIVERSITY OF CALIFORNIA AT SANTA CRUZ	NOLLER, HARRY F, JR		SMALL INSTRUMENTATION PROGRAM	21,533	
1S15 GM43441-01					
INSTITUTION TOTAL	1		21,533		
CITY TOTAL	1		21,533		
SANTA MONICA RAND CORPORATION	KANOUE, DAVID E		HIV INFECTION AND RISK BEHAVIORS IN PROSTITUTES	615,134	
1R01 HD24897-01A1					
INSTITUTION TOTAL	1		615,134		
CITY TOTAL	1		615,134		

NIH
RESEARCH GRANTS

**DOLLARS
AWARDED**

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SANTA ROSA SERES LABORATORIES, INC. 1R43 AI28126-01	STEARNs, JAY F	ANTI-FUSOGENIC ANTIVIRALS: DESIGN AND TESTING	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000
SOUTH SAN FRANCISCO ATHENA NEUROSCIENCES, INC. 1R43 CA49330-01A1 1R43 AG08406-01	JOHN VARGHESE SCHENK, DALE B	SYNTHESIS AND EVALUATION OF AGENTS FOR BRAIN NEOPLASMS CHARACTERIZATION-AMYLOID PRECURSOR FRAGMENTS IN PLASMA	50,000 50,000
INSTITUTION TOTAL	2		100,000
COR THERAPEUTICS, INC. 1R43 HL42730-01	PHILLIPS, DAVID R	DEVELOPMENT OF ANTITHROMBOTIC AGENTS	50,000
INSTITUTION TOTAL	1		50,000
GENOMIX INC. 1R01 GM42696-01	BRENNAN, THOMAS M	NEW METHODS TO SEQUENCE DNA BY MASS SPECTROMETRY	299,500
INSTITUTION TOTAL CITY TOTAL	1 4		299,500 449,500
STANFORD STANFORD UNIVERSITY 1P01 CA49605-01 1R01 GM42930-01 1R13 HD26014-01 1R01 GM42350-01 1S15 AI29022-01 1R01 HI42943-01 1R01 GM41455-01A1 1R01 GM42612-01 1R01 DK41765-01 1R01 GM42376-01 1R01 AI26322-01A1	BLUME, KARL G COHEN, STANLEY N FERGUSON, CHARLES A FRANCKE, UTA KORN, DAVID LEUNG, LAWRENCE L LEVITT, MICHAEL MACDONALD, PAUL M ROTH, RICHARD A SCHWARZ, THOMAS L UMETSU, DALE T	BONE MARROW GRAFTING FOR LEUKEMIA AND LYMPHOMA NOVEL APPROACHES FOR GENOMIC DNA CLONING AND ANALYSIS INTERNATIONAL CONFERENCE ON PHONOLOGICAL DEVELOPMENT A PHYSICAL MAP OF HUMAN CHROMOSOME 18 SMALL INSTRUMENTATION PROGRAM MOLECULAR AND CELLULAR BIOLOGY OF GLYCOPROTEIN LIB SIMULATION OF PROTEIN DYNAMICS AND UNFOLDING IN SOLUTION MOLECULAR BIOLOGY OF MORPHOGEN LOCALIZATION IN EMBRYOS SUBSTRATES FOR THE INSULIN RECEPTOR TYROSINE KINASE LOCALIZATION AND STRUCTURE OF A CLONED K ⁺ CHANNEL HETEROGENEITY AMONG HUMAN CD4 ⁺ T CELL CLONES	1,526,608 1,540,177 22,190 363,430 88,879 211,982 199,932 177,688 222,237 224,280 180,021
INSTITUTION TOTAL CITY TOTAL	11 11		3,757,424 3,757,424

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA SUNNYVALE RASOR ASSOCIATES 1R43 HL42192-01	ROBINSON, THOMAS C	NONINVASIVE BLOOD-GAS MONITOR FOR INFANTS TO ADULTS	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
TORRANCE LOS ANGELES COUNTY 1R01 DK40919-01A1	HEALTH SERVICES DEPARTMENT-- MAYER, EMERAN A	LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER MEMBRANE EVENTS: ACTIVATING LONGITUDINAL COLONIC MUSCLE	151,877
INSTITUTION TOTAL CITY TOTAL	1 1	151,877 151,877	
STATE TOTAL	192	29,038,073	
COLORADO BOULDER SPIDERWORT DESIGN 1R43 HD22313-01A1	ELLIS, DONALD G	MEASUREMENT OF VELOCITY AND FLOW IN THE UTERINE ARTERIES	47,175
INSTITUTION TOTAL	1	47,175	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1S15 AG08789-01	AT BOULDER BREED, MICHAEL D	AT BOULDER SMALL INSTRUMENTATION PROGRAM	54,102
INSTITUTION TOTAL CITY TOTAL	1 2	54,102 101,277	
DENVER ELEANOR ROOSEVELT INSTITUTE FOR CANCER RESEARCH 1R01 DK40804-01A1	SINENSKY, MICHAEL S	BIOCHEMICAL GENETICS OF CELLULAR CHOLESTEROL METABOLISM	250,551
INSTITUTION TOTAL	1	250,551	
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY 1R01 AI26490-01A1	MEDICINE GELFAND, ERWIN W	IONIC, BIOCHEMICAL, GENETIC BASIS FOR CYCLOSPORIN ACTIVITY	146,659
INSTITUTION TOTAL	1	146,659	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO 1R25 CA49981-01	HEALTH SCIENCES CENTER BAKEMEIER, RICHARD F	CANCER EDUCATION PROGRAM	19,980

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL		
COLORADO		
DENVER		
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO	HEALTH SCIENCES CENTER	
1S10 RR04908-01 BETZ, WILLIAM J	MICROSCOPE/IMAGE PROCESSING SYSTEM	155,000
1R01 GM42770-01 EVANS, ROBERT M	MOLECULAR REGULATION OF INTERMEDIATE FILAMENT STRUCTURE	125,095
1R01 HD26651-01 KRAUS, JAN P	EXPRESSION OF CYSTATHIONINE SYNTHASE AND HUMAN DISEASE	160,235
1R01 NR02006-01A1 MAGILWY, JOAN K	RURAL HOME CARE FOR OLDER ADULTS: PATTERN AND PROCESS	143,286
1R01 AI26600-01A2 MCHENRY, CHARLES S	BIOCHEMISTRY OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION	165,520
1S15 AI29021-01 STEVENS, JAMES O	SMALL INSTRUMENTATION PROGRAM	74,833
INSTITUTION TOTAL	7	843,949
UNIVERSITY OF DENVER		
1R29 HD26087-01 LINK, CHRISTOPHER D	GENETIC ANALYSIS OF BURSAL MORPHOGENESIS IN C. ELEGANS	92,627
INSTITUTION TOTAL	1	92,627
URBAN INSTITUTE		
1S15 AG08782-01 BEAN, FRANK D	SMALL INSTRUMENTATION PROGRAM	6,149
INSTITUTION TOTAL	1	6,149
CITY TOTAL	11	1,339,935
FORT COLLINS		
COLORADO STATE UNIVERSITY	SMALL INSTRUMENTATION PROGRAM	26,581
1S15 GM43398-01 BAMBURG, JAMES R	SMALL INSTRUMENTATION PROGRAM	34,373
1S15 A129049-01 BEATY, BARRY J	RADIATION CYTOGENETICS	199,571
1R01 CA49501-01 BEDFORD, JOEL S	PHYSIOLOGY OF CALCIUM CHANNEL GENES	118,819
1R01 GM42652-01 CHAUDHARI, NIRUPA	REMODELING AN ANIMAL FACILITY IN SURGICAL METABOLIC LAB	260,818
1R24 RR05241-01 MAUL, DONALD H	TRANSFORMATION AND TUMOR REGRESSION--STEM CELL MODEL	85,662
1R01 CA47409-01A1 MORITA, MICHIO	DNA SYNTHESIS FACILITY	55,803
1P41 GM41179-01 SCHENCK, CRAIG C	ASYMMETRIC SYNTHESIS OF ALPHA-AMINO ACIDS	100,628
INSTITUTION TOTAL	8	882,255
CITY TOTAL	8	882,255
LAKEWOOD		
AMC CANCER RESEARCH CENTER	SMALL INSTRUMENTATION PROGRAM	5,000
1S15 CA51291-01 FURMANSKI, PHILIP		
INSTITUTION TOTAL	1	5,000
CITY TOTAL	1	5,000
STATE TOTAL	22	2,328,467

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RESEARCH GRANTS

GRANT NUMBER

DOLLARS
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PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER	1R29 DK42026-01 IS15 AR40216-01 1R29 HL42454-01 IS15 AI29023-01	ASCENSAO, JOAO L KENNEDY, JAMES E OROURKE, FLAVIA A PAPLAUSKAS, LEONARD P	ROLE OF ENDOTHELIAL CELLS IN BLOOD PRODUCTION	91,991
			SMALL INSTRUMENTATION PROGRAM	30,108
			PURIFICATION & PROPERTIES OF IP3 RECEPTOR IN PLATELETS	104,389
			SMALL INSTRUMENTATION PROGRAM	68,498
			INSTITUTION TOTAL	294,986
MIDDLETOWN WESLEYAN UNIVERSITY	IS15 GM43421-01 1R29 GM42752-01	PRINGLE, WALLACE C WEIR, MICHAEL P	SMALL INSTRUMENTATION PROGRAM	8,638
			DEVELOPMENTAL STUDIES OF SEGMENTATION GENE FUNCTION	116,451
			INSTITUTION TOTAL	125,089
			CITY TOTAL	125,089
			INSTITUTION TOTAL	294,986
NEW HAVEN YALE UNIVERSITY	1R01 GM42490-01 1R01 DK41371-01 1R01 GM42387-01 1R01 GM40924-01A1 1S10 RR04797-01 1R01 GM42136-01 1S15 CA51322-01 1R01 AR40073-01 1R01 AR439869-01 1R03 CA50287-01 1R01 NS27116-01 1R01 DK38063-01A3 1R29 GM42673-01 1S10 RR04813-01 1R01 AI28308-01 1S10 RR04709-01 1S10 RR04716-01 1S15 AI29048-01 1R01 AG07449-01A2 1R01 DK41230-01	AMARA, SUSAN G BARBER, DIANE L BIGGIN, MARK D BOTHWELL, ALFRED L M BOYER, JAMES L CAPLAN, MICHAEL J FORGET, BERNARD G HORWITZ, MARK C LERNER, AARON B MAKUCHI, ROBERT W MENT, LAURA R MODLIN, IRVIN M MOYER, MARY S NATH, RAVINDER SHAPIRO, EUGENE D SHULMAN, ROBERT G SMITH, STEVEN O STOLWIJK, JAN A TINETTI, MARY E ZAWALICH, WALTER S	ALTERNATIVE RNA PROCESSING IN THE NERVOUS SYSTEM MECHANISMS REGULATING INTESTINAL NEUROTENSIN EXPRESSION TRANSCRIPTION OF GENES CONTROLLING DEVELOPMENT CHARACTERIZATION OF THE LY6 MULTIGENE FAMILY BIO-RAD LASERSHARP SCANNING CONFOCAL IMAGING SYSTEM ION PUMPS IN POLARIZED EPITHELIA: SORTING AND FUNCTION SMALL INSTRUMENTATION PROGRAM MECHANISMS OF OSTEOBLAST ACTIVATION AND REGULATION VITILIGO, MELANOMAS AND ALBINISM ANALYSIS OF REPEATED T4 DATA TO PREDICT KS RANDOMIZED INDOMETHACIN GMH/IVH PREVENTION TRIAL SECRETAGOGUE REGULATION IN PARIENTAL CELLS ONTOGENY OF INTESTINAL AND PLACENTAL TAURINE TRANSPORT CESIUM-137 LABORATORY IRRADIATOR FOR BIOLOGICAL RESEARCH THE EFFICACY OF CONJUGATE VACCINES AGAINST H INFLUENZAE 7 T NMR SYSTEM FOR IN VIVO METABOLIC STUDIES SOLID-STATE NMR SPECTROMETER FOR BIOLOGICAL STUDIES SMALL INSTRUMENTATION PROGRAM INJURY AND FUNCTIONAL DECLINE IN ELDERLY FALLERS PHOSPHOINOSITIDE HYDROLYSIS & BETA CELL SECRETION	150,627 115,076 172,649 156,903 156,000 209,753 209,753 163,355 180,240 41,871 1,006,908 172,800 105,840 165,000 169,172 400,000 400,000 311,264 361,346 181,778
			INSTITUTION TOTAL	20
			CITY TOTAL	4,435,805
			INSTITUTION TOTAL	4,435,805
			CITY TOTAL	4,435,805
			INSTITUTION TOTAL	4,435,805
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			CITY TOTAL	4,435,805
			INSTITUTION TOTAL	4,435,805
			CITY TOTAL	4,435,805

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
STORRS UNIVERSITY OF CONNECTICUT	STORRS GIOLAS, THOMAS G	SMALL INSTRUMENTATION PROGRAM	27,229
1S15 A129024-01			
INSTITUTION TOTAL	1	27,229	
CITY TOTAL	1	27,229	
STATE TOTAL	27	4,883,109	
DELAWARE			
WILMINGTON	E. I. DU PONT DE NEMOURS AND COMPANY	BACTERIOPHAGE P1 CLONING SYSTEM FOR HIGH MOLECULAR WEIGHT	148,242
1R01 GM42952-01	STERNBERG, NAT L		
INSTITUTION TOTAL	1	148,242	
CITY TOTAL	1	148,242	
STATE TOTAL	1	148,242	
DIST OF COL			
WASHINGTON	AMERICAN NATIONAL RED CROSS	SMALL INSTRUMENTATION PROGRAM	11,880
1S15 HL43984-01	HOYER, LEON W	HUMAN ENDOTHELIAL CELL SENESCENCE GENES	109,980
1R01 AG07450-01A2	MACIAĞ, THOMAS	STRUCTURE AND FUNCTION OF THE A2-MACROGLOBULIN RECEPTOR	166,136
1R01 GM42581-01	STRICKLAND, DUDLEY K		
INSTITUTION TOTAL	3	287,996	
CARNEGIE INSTITUTION OF WASHINGTON, D. C.		SMALL INSTRUMENTATION PROGRAM	16,433
1S15 GM43420-01	BROWN, DONALD D	CONFOCAL LASER SCANNING MICROSCOPE	240,000
1S10 RR04958-01	GALL, JOSEPH G	STUDIES ON THE ASSEMBLY OF CAB POLYPEPTIDES	91,809
1R29 GM42609-01	HOFFMAN, NEIL F		
INSTITUTION TOTAL	3	348,242	
CATHOLIC UNIVERSITY OF AMERICA		BINUCLEAR COMPLEXES OF IRON PORPHYRINS	95,760
1R15 DK41425-01	BREWER, GREGORY A		
INSTITUTION TOTAL	1	95,760	
GEORGE WASHINGTON UNIVERSITY		SMALL INSTRUMENTATION PROGRAM	50,935
1S15 CA51253-01	HU, VALERIA W		
INSTITUTION TOTAL	1	50,935	

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RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

DIST OF COL WASHINGTON UNIVERSITY GEORGETOWN	DYN MARTIN HURLEY, CAROLYN K JENSON, A BENNETT NOTARIO-RUIZ, VICENTE	CONFOCAL FLUORESCENCE MICROSCOPE ALLOGENIC RESPONSE:ROLE OF T CELL RECEPTOR DIVERSITY ANTIGENIC DETERMINANTS OF THE PAPILLOMAVIRUS L1 CAPSID P ONCOGENES IN CARCINOGEN-INITIATED HAMSTER TUMOR CELLS	181,000 166,359 131,323 89,885
INSTITUTION TOTAL 1S10 GM43399-01	4	568,567	6,600
NATIONAL BIOMEDICAL RESEARCH FOUNDATION LEDLEY, ROBERT S		SMALL INSTRUMENTATION PROGRAM	
INSTITUTION TOTAL 1S15 GM43399-01	1	6,600	
URBAN INSTITUTE 1R01 AG08651-01	WOLF, DOUGLAS A	INTERGENERATIONAL FAMILIES--STRUCTURE, DYNAMICS, EXCHANGES	93,672
INSTITUTION TOTAL CITY TOTAL	14	93,672 1,451,772	
STATE TOTAL	14	1,451,772	
FLORIDA ALACHUA PHARMAtec, INC 1R43 AI27588-01	BREWSTER, MARCUS E	IMPROVED THERAPY FOR CNS TOXOPLASMOSIS	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
CORAL GABLES UNIVERSITY OF MIAMI 1S15 GM43417-01 1S10 RR04680-01	ECHEGOYEN, LUIS A GAWLEY, ROBERT E	SMALL INSTRUMENTATION PROGRAM H-P 5988A GAS CHROMATOGRAPH-MASS SPECTROMETER	12,522 115,000
INSTITUTION TOTAL CITY TOTAL	2	127,522 127,522	
GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1R01 HL42817-01	BERGERON, RAYMOND J	DEVELOPMENT OF ORALLY EFFECTIVE IRON CHELATORS	97,244

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA			
1S15 A129053-01 DANKERT, JOHN R		SMALL INSTRUMENTATION PROGRAM	16,325
1R01 A128571-01 DUNN, BEN M		HUMAN IMMUNODEFICIENCY VIRUS PROTEASE	135,854
1R01 HL41898-01 LOTTENBERG, RICHARD		CHARACTERIZATION OF THE STREPTOCOCCAL PLASMIN RECEPTOR	151,271
1S10 RR05011-01 MCARTHUR, WILLIAM P		FLOW CYTOMETER	114,000
1S15 AG08781-01 PERRY, NATHAN W, JR		SMALL INSTRUMENTATION PROGRAM	4,858
INSTITUTION TOTAL	6	519,552	
CITY TOTAL	6	519,552	
MIAMI			
IVAX PHARMACEUTICALS			
1R43 AI28124-01 HAHN, ELLIOT F		NUCLEOTIDE DIMERS AS ANTI-HIV AGENTS	49,535
INSTITUTION TOTAL	1	49,535	
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA INTERNATIONAL UNIVERSITY			
1S15 EY08458-01 BONE, RICHARD A		SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1	5,000	
UNIVERSITY OF MIAMI			
1S15 AR40208-01 FOGEL, BERNARD J		SMALL INSTRUMENTATION PROGRAM	70,822
1M01 RR05280-01 FOGEL, BERNARD J		GENERAL CLINICAL RESEARCH CENTER	315,642
1R01 HL38228-01A2 HAYNES, DUNCAN H		CALCIUM MOVEMENTS IN PLATELET ACTIVATION	125,598
1R01 HD25493-01 KASAHARA, MASANORI		MALE GERM CELL-AFFECTING GENES ON MOUSE CHROMOSOME 17	134,795
1R29 EY08122-01 KSANDER, BRUCE R		CELL-MEDIATED IMMUNE RESPONSE TO INTRAOCULAR TUMORS	100,267
INSTITUTION TOTAL	5	747,124	
CITY TOTAL	7	801,659	
SAIN PETERSBURG			
TAMPA BAY RESEARCH INSTITUTE TEIKYO-SHOWA UNIVERSITIES CENTER			
1S15 AI29017-01 NONOYAMA, MEI IHAN		SMALL INSTRUMENTATION PROGRAM	12,085
1R01 CA50523-01 TANAKA, AKIKO		MAREK'S DISEASE VIRUS: ANALYSIS OF LATENT GENES	167,551
INSTITUTION TOTAL	2	179,636	
CITY TOTAL	2	179,636	
TALLAHASSEE			
STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY			
1R01 DE09122-01 VAN WART, HAROLD E		INHIBITION OF EXTRACELLULAR MATRIX METALLOPROTEINASES	278,325

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RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

FLORIDA
TALLAHASSEE
 STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY
 1R01 EY07753-01A1 WILLIAMS, THEODORE P
 REGULATION OF DAILY PHOTON-CATCH

INSTITUTION TOTAL	2	387,645
CITY TOTAL		387,645

TAMPA
 STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA
 1S15 AR40203-01 EDWARDS, CHARLES
 1S15 AG08785-01 LEVIN, PETER J
 SMALL INSTRUMENTATION PROGRAM
 INSTRUMENTATION PROGRAM

INSTITUTION TOTAL	2	34,818
CITY TOTAL	2	34,818
STATE TOTAL	22	2,100,832

GEORGIA
ATHENS
 ELIA TECHNOLOGIES, INC.
 1R43 GM43025-01 SMITH, DAVID F
 GLYCOSYLTRANSFERASE LUMINESCENCE ASSAY: A NEW TECHNOLOGY

INSTITUTION TOTAL	1	50,000
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UNIVERSITY SYSTEM OF GEORGIA--UNIVERSITY OF GEORGIA
 1S15 GM43450-01 MORTARTY, C
 1R01 GM42924-01 MICHAEL
 TIMBERLAKE, WILLIAM E
 SMALL INSTRUMENTATION PROGRAM
 IN VITRO RECONSTRUCTION OF FUNGAL CHROMOSOMES

INSTITUTION TOTAL	2	201,840
CITY TOTAL	3	251,840

ATLANTA
BIOMEDICAL DESIGN, INC.
 1R43 HL42748-01 GIRARDOT, JEAN-MARIE D
 PREVENTION OF CALCIFICATION OF CARDIOVASCULAR PROSTHESES

INSTITUTION TOTAL	1	44,162
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EMORY UNIVERSITY
 1R01 CA47953-01A1 BOSS, JEREMY M
 1R01 HL43035-01 COLLINS, DELWOOD C
 1R15 NR02112-01 DUNBAR, SANDRA B
 CLONING OF TUMOR NECROSIS FACTOR INDUCED GENES
 ANTIANGIOGENIC ACTIVITY OF STEROIDS & STEROID CONJUGATES
 CARDIOVASCULAR CIRCADIAN PATTERNS IN THE ELDERLY

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA ATLANTA EMORY UNIVERSITY 1R13 RR05102-01 1S15 AI29063-01 1R01 AI28731-01 1S10 RR04948-01 1R01 HL44307-01 1S15 GM43448-01	GOULD, KENNETH G HOUPP, JEFFREY L LIOTTA, DENNIS C MARZILLI, LUIGI G RUNGE, MARSCHALL S STEVENS, ANN R	FERTILITY IN THE GREAT APES: A MEETING SMALL INSTRUMENTATION PROGRAM NON-CARBOHYDRATE APPROACHES TO ANTI-AIDS NUCLEOSIDES MOLECULAR SPECTROSCOPY INSTRUMENTATION STRUCTURE DETERMINES PLASMINOGEN ACTIVATOR FUNCTION SMALL INSTRUMENTATION PROGRAM	15,000 73,865 130,695 309,000 130,624 29,098
INSTITUTION TOTAL	9	1,093,099	
MOREHOUSE SCHOOL OF MEDICINE 1R22 AI27189-01A1	NAVALKAR, RAMCHANDRA G	REACTIVITY OF MOLECULARLY DEFINED MYCOBACTERIAL ANTIGENS	117,546
INSTITUTION TOTAL	1	117,546	
UNIVERSITY SYSTEM OF GEORGIA - GEORGIA STATE UNIVERSITY 1R13 AI29291-01 1R01 DK39881-01A2	BRINTON, MARGO A DE CASTRO, JOHN M	POSITIVE-STRAND RNA VIRUSES INFLUENCE OF HEREDITY ON MEAL PATTERNS IN HUMANS	7,000 105,067
INSTITUTION TOTAL	2	112,067	
CITY TOTAL	13	1,366,874	
AUGUSTA UNIVERSITY SYSTEM OF GEORGIA -- MEDICAL COLLEGE OF GEORGIA 1R03 DE08953-01 1R29 HL43242-01 1R29 DE08586-01A1	ERBLAND, JOHN F IKEDA, STEPHEN R STEFLIK, DAVID E	LYSOPHOSPHOLIPID INACTIVATION OF HERPES SIMPLEX VIRUS-1 NEURONAL CALCIUM CURRENT ALTERATIONS IN HYPERTENSION COMPARATIVE EXPERIMENTAL EVALUATIONS OF DENTAL IMPLANTS	20,948 107,269 107,331
INSTITUTION TOTAL	3	235,548	
CITY TOTAL	3	235,548	
STATE TOTAL	19	1,854,262	
HAWAII HONOLULU UNIVERSITY OF HAWAII SYSTEM -- UNIVERSITY OF HAWAII AT MANOA 1R29 AI27139-01A1 1S15 CA51369-01	CHANG, SANDRA P KANE, ROBERT E	B CELL & T CELL RECOGNITION SITES OF P FALCIPARUM GP195 SMALL INSTRUMENTATION PROGRAM	93,192 30,982
INSTITUTION TOTAL	2	124,174	
CITY TOTAL	2	124,174	
STATE TOTAL	2	124,174	

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PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHAMPAIGN UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN 1S15 GM43392-01 1R29 ES05214-01 1S10 RR04829-01 1R01 GM42452-01 1S10 RR04648-01 1S15 GM43410-01 1S15 AI29012-01 1R01 DK41215-01 1R01 NS25888-01A1	FRIEDMAN, STANLEY HESS, REX A JONAS, ANA JONAS, JIRI JONAS, JIRI SWARTZ, HAROLD M TUMBLESON, M E WALLING, MATTHEW A YAIRI, EHUD	SMALL INSTRUMENTATION PROGRAM MECHANISMS OF PESTICIDE-INDUCED TESTICULAR ATROPHY SPECTROPOLARIMETER - JASCO MODEL J-600 HIGH PRESSURE NMR STUDIES OF PROTEINS AND MEMBRANES GAS & LIQUID CHROMATOGRAPHY/MASS SPECTROMETRY SYSTEM SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM CYANOHYDROXYBUTENE TOXICITY AND GLUTATHIONE DEVELOPMENTAL TRENDS OF EARLY CHILDHOOD STUTTERING	69,578 125,449 87,000 166,472 400,000 17,615 12,954 70,162 118,777
INSTITUTION TOTAL CITY TOTAL	9	1,068,007	1,068,007
CHICAGO AMERICAN DENTAL ASSOCIATION HEALTH FOUNDATION 1R01 DE08916-01	TUNG, MING S	THREE APPROACHES TO RAPID REMINERALIZATION OF THE TOOTH	56,904
INSTITUTION TOTAL	1		56,904
CHICAGO COLLEGE OF OSTEOPATHIC MEDICINE 1R15 DK41477-01 1R15 DK41451-01	BURDICK, JOHN R KOPP, STEPHEN J	OBESITY/DIABETES-INDUCED ALTERATION OF IMMUNE FUNCTION METABOLIC ACTIONS OF VANADIUM IN DIABETES AND OBESITY	95,168 94,206
INSTITUTION TOTAL	2	189,374	
IIT RESEARCH INSTITUTE 1S15 CA51265-01	FENTERS, JAMES D	SMALL INSTRUMENTATION PROGRAM	7,473
INSTITUTION TOTAL	1		7,473
ILLINOIS CANCER COUNCIL 1S15 CA51342-01	LANSKY, SHIRLEY B	SMALL INSTRUMENTATION PROGRAM	15,465
INSTITUTION TOTAL	1		15,465
ILLINOIS INSTITUTE OF TECHNOLOGY 1R29 HL39856-01A1 1S15 GM43390-01	BEISSINGER, RICHARD L TROYK, PHILIP	AUGMENTED PROTEIN TRANSPORT IN SHEARED SUSPENSIONS SMALL INSTRUMENTATION PROGRAM	93,921 9,283
INSTITUTION TOTAL	2		103,204

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RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS CHICAGO MICHAEL REESE HOSPITAL AND MEDICAL CENTER 1R01 HL43557-01 1S15 AI29062-01		MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM SMALL INSTRUMENTATION PROGRAM	108,668 14,282
INSTITUTION TOTAL 1R29 A12195-01A1	2	122,950	
NORTHWESTERN UNIVERSITY 1R01 AR39997-01A1 1R13 AR39997-01 1R29 AR39827-01	SEIFERT, H STEVEN	REGULATION OF PILIN EXPRESSION	82,372
INSTITUTION TOTAL 1R01 AG08794-01 1S15 A129020-01	1	82,372	
RUSH-PRESBYTERIAN-ST. 1R01 GM41043-01A1 1R01 DK39573-01A2 1S15 AG08788-01 1R01 GM42715-01 1R01 HL43344-01 1R01 DK41814-01	LUKE'S MEDICAL CENTER DETOLDO-MORELL, LEYLA FRIED, WALTER GALANTE, JORGE O GOTTLIEB, GERALD L SUMNER, DALE R	SYNAPTIC SUBSTRATES OF AGE-RELATED MEMORY DYSFUNCTION SMALL INSTRUMENTATION PROGRAM SYSTEMIC IMPLICATIONS OF TOTAL JOINT REPLACEMENT CONFERENCE ON BIOMECHANICS & NEURAL CONTROL MOVEMENT BONE INGROWTH/REMODELING IN CEMENTLESS KNEE ARTHROPLASTY	148,382 37,788 185,759 10,000 86,324
INSTITUTION TOTAL 1R01 GM41043-01A1 1R01 DK39573-01A2 1S15 AG08788-01 1R01 GM42715-01 1R01 HL43344-01 1R01 DK41814-01	5	468,253	
UNIVERSITY OF ILLINOIS 1R13 AI28491-01 1S10 RR04903-01 1S10 RR04884-01 1S15 CA51331-01 1R29 DK41431-01 1R01 CA49569-01 1S15 CA51268-01	CHAKRABARTY, ANANDA M DAVIDSON, RICHARD L ELBER, RON PEZZUTO, JOHN MICHAEL SKIDGEL, RANDAL A YU, ELENA S H YU, FU-LI	METAL CATALYSED ASYMMETRIC DIELS-ALDER REACTIONS RAT INTESTINAL MEMBRANES: VITAMIN D-MEDIATED EFFECTS SMALL INSTRUMENTATION PROGRAM CELL PHYSIOLOGY OF CALCIUM EFFECTS ON PROTEIN SYNTHESIS PROTHROMBOTIC EFFECTS IN LIPOPROTEIN-A SLEEP & CIRCADIAN RHYTHMICITY IN GLUCOSE REGULATION	167,287 211,253 62,736 152,490 377,390 219,206
INSTITUTION TOTAL 1R01 GM41043-01A1 1R01 DK39573-01A2 1S15 AG08788-01 1R01 GM42715-01 1R01 HL43344-01 1R01 DK41814-01	6	1,190,362	
UNIVERSITY OF ILLINOIS AT CHICAGO 1R13 AI28491-01 1S10 RR04903-01 1S10 RR04884-01 1S15 CA51331-01 1R29 DK41431-01 1R01 CA49569-01 1S15 CA51268-01	CHAKRABARTY, ANANDA M DAVIDSON, RICHARD L ELBER, RON PEZZUTO, JOHN MICHAEL SKIDGEL, RANDAL A YU, ELENA S H YU, FU-LI	PSEUDOMONAS-89 ROLE PATHOGENICITY BIOTRANSFORMATION & B AUTOMATED DNA SEQUENCER TWO TITAN WORKSTATIONS SMALL INSTRUMENTATION PROGRAM STRUCTURE AND FUNCTION OF CARBOXYPEPTIDASE M DEVELOPMENTAL RESEARCH IN CANCER CONTROL--ASIAN AMERICAN SMALL INSTRUMENTATION PROGRAM	6,000 102,000 133,000 5,402 93,189 71,786 5,000
INSTITUTION TOTAL CITY TOTAL 28		416,377 2,652,734	

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TITLE OF RESEARCH PROPOSAL

GRANT NUMBER PRINCIPAL INVESTIGATOR

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS DE KALB DE KALB ILLINOIS UNIVERSITY 1R15 HD25684-01 1S15 CA51251-01 1R15 NS27189-01	CONWAY, SONYA B KRESHECK, GORDON C SCHWARTZ, HOWARD D	ROLE OF SOMATOMEDINS IN MEDIATING ETHANOL-INDUCED GROWTH SMALL INSTRUMENTATION PROGRAM EXAMINING HEART RATES DURING STUTTERING	91,361 5,762 92,979
INSTITUTION TOTAL CITY TOTAL	3	190,102 190,102	
ELMHURST E. J. MC GOWAN AND ASSOCIATES, INC. 1R43 AG07522-01A1	MC GOWAN, EDWARD J	BIOFEEDBACK SYSTEM FOR URINARY & FECAL INCONTINENCE	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
EVANSTON EVANSTON HOSPITAL 1S10 RR05014-01	GROOTHUIS, DENNIS R	COMPUTED TOMOGRAPHIC SYSTEM FOR NEUROLOGIC RESEARCH	135,000
INSTITUTION TOTAL	1	135,000	
NORTHWESTERN UNIVERSITY 1S10 RR04936-01 1R29 GM42465-01	HOFFMAN, BRIAN M WU, BARBARA	EPR/ENDOR SPECTROMETER ANALYSES OF ELA DEPENDENT TRANSCRIPTIONAL STIMULATION	400,000 70,085
INSTITUTION TOTAL CITY TOTAL	2 3	470,085 605,085	
MAYWOOD LOYOLA UNIVERSITY MEDICAL CENTER 1R01 CA47929-01A1 1R01 HL43582-01	ERICKSON, LEONARD C SAMAREL, ALLEN M	INTERACTION OF ANTITUMOR AGENTS WITH ACTIVATED ONCOGENES MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM	132,767 101,716
INSTITUTION TOTAL CITY TOTAL	2 2	234,483 234,483	
NAPERVILLE TRANSDUCER RESEARCH, INC. 1R43 ES05156-01	STETTER, JOSEPH R	DEVELOPMENT OF INSTRUMENTS TO MEASURE HUMAN EXPOSURE	50,000
INSTITUTION TOTAL	1	50,000	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	50,000	
ILLINOIS			
NORMAL			
ILLINOIS STATE UNIVERSITY 1S15 AG08783-01 1R15 AI28041-01	CHEUNG, H TAK HUIZINGA, HARRY W	SMALL INSTRUMENTATION PROGRAM THERMAL ECOLOGY OF NAEGGLERIA FOWLERI	4,730 84,443
INSTITUTION TOTAL	2	89,173	
CITY TOTAL		89,173	
NORTH CHICAGO			
UNIVERSITY OF HEALTH SCIENCES/CHICAGO MEDICAL SCHOOL 1R03 DE08887-01A1	ACHAR, SRINIVASA B	ENTAMOEBA GINGIVALIS ISOENZYMES IN PERIODONTAL DISEASE	21,660
INSTITUTION TOTAL	1	21,660	
CITY TOTAL		21,660	
SPRINGFIELD			
SOUTHERN ILLINOIS UNIVERSITY SYSTEM--SOUTHERN ILLINOIS UNIVERSITY SCHOOL OF MEDICINE 1S15 HL44021-01 1R01 HD24450-01A1	KABISCH, WILLIAM T PARR, EARL L	SMALL INSTRUMENTATION PROGRAM GRANULATED METRIAL GLAND CELLS--IDENTITY & FUNCTION	10,734 104,192
INSTITUTION TOTAL	2	114,926	
CITY TOTAL		114,926	
STATE TOTAL	52	5,076,170	
INDIANA			
ELKHART			
GDS TECHNOLOGY INC. 1R43 DK41601-01	DE CASTRO, AURORA F	SIMPLE BLOOD TEST OF D-3-HYDROXYBUTYRATE FOR DIABETICS	49,950
INSTITUTION TOTAL	1	49,950	
CITY TOTAL		49,950	
INDIANAPOLIS			
INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS 1R01 AG08918-01 1R01 GM43966-01	CHRISTIAN, JOE C RAO, B D NAGESWARA	HUNTINGTON DISEASE: A NEUROLOGICAL MARKER OF AGING ACTIVE-SITE STRUCTURES OF ATP-UTILIZING ENZYME	265,829 168,504

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA INDIANAPOLIS INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS IS15 CA5 1309-01	STOKEY, GEORGE K	SMALL INSTRUMENTATION PROGRAM	8,201
INSTITUTION TOTAL CITY TOTAL	3	442,534 442,534	
TERRE HAUTE INDIANA STATE UNIVERSITY 1R15 DK4 1440-01	HUGHES, JAMES P	PHOSPHORYLATION OF LIPOCORTINS BY PROLACTIN AND IL-2	97,921
INSTITUTION TOTAL CITY TOTAL	1	97,921 97,921	
WEST LAFAYETTE ASH MEDICAL SYSTEMS, INC. 1R43 DK4 1603-01	ASH, STEPHEN R	MONITORING DRUG THERAPY THROUGH SMARTCHART	50,000
INSTITUTION TOTAL	1		
PURDUE UNIVERSITY WEST LAFAYETTE 1R01 AI28432-01 1R29 DK39604-01A2 1S15 GM43401-01 1R01 HD25518-01 1R01 NS27041-01	BROYLES, STEVEN S DI SILVESTRO, ROBERT A ISOM, GARY E KONIECZNY, STEPHEN F SCHWARTZ, RICHARD G	VACCINIA VIRUS TRANSCRIPTION MARGINAL COPPER INTAKE EFFECTS--SOD & LIPID PEROXIDATION SMALL INSTRUMENTATION PROGRAM REGULATORY ELEMENTS CONTROLLING TROPONIN I EXPRESSION INPUT-OUTPUT RELATIONSHIPS IN SPEECH-LANGUAGE IMPAIRMENT	123,579 91,193 60,241 155,299 83,187
INSTITUTION TOTAL CITY TOTAL	5 6	513,499 563,499	
STATE TOTAL	11	1,153,904	
IOWA AMES	STATE UNIVERSITY OF SCIENCE AND TECHNOLOGY	STRUCTURE & FUNCTION OF CONJUNCTIVAL LYMPHOID TISSUES FETAL AND MATERNAL VASCULAR SEROTONERGIC MECHANISMS STRUCTURE & FUNCTION OF NON-WATSON-CRICK TELOMERIC DNA SMALL INSTRUMENTATION PROGRAM	101,238 100,675 87,976 5,000
INSTITUTION TOTAL CITY TOTAL	4	294,889 294,889	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR

IOWA
FAIRFIELD
MAHARISHI INTERNATIONAL UNIVERSITY
1R15 HL40495-01A1 SCHNEIDER, ROBERT H

INSTITUTION TOTAL 1 117,726
CITY TOTAL 1 117,726

IOWA CITY
UNIVERSITY OF IOWA
1R29 HL44275-01 BRITIGAN, BRADLEY E
1R43 NS27377-01 BROWN, CAROLYN J
1R29 GM40917-01A1 CHESTNUT, DAVID H
1S10 RR04972-01 CLAYCAMP, H. GREGG
1S15 AI29055-01 ECKSTEIN, JOHN W
1R29 HL41071-01A1 FISHER, RORY A
1R15 NR02139-01 HARDY, MARY A
1R01 DE08540-01A1 KELLER, JOHN C
1R13 NS26607-01 LIM, RAMON
1S10 RR04941-01 OBERLEY, LARRY W
1R29 DE09083-01 RITTMAN, BARRY R
1R29 AG08674-01 ROHRER, JAMES E
1S15 HL43960-01 SPRISTERBACH, D C
1R01 NS27246-01 TOMBLIN, JAMES B
1S10 RR04881-01 WEILER, JOHN M
1S15 CA51275-01 WILEY, ROBERT A

MONOCYTE/MACROPHAGE FREE RADICAL BIOLOGY ASSESSED BY EPR
COMPUTER TRAINING FOR SPEECH PERCEPTION IN THE DEAF
OBSTETRIC ANESTHESIA: TOCOLYSIS AND HEMORRHAGE
PHILIPS MG450 X-RAY MACHINE
SMALL INSTRUMENTATION PROGRAM
PLATELET ACTIVATING FACTOR AND THROMBOXANES IN LIVER
NURSING INTERVENTION FOR SKIN DRYNESS IN THE ELDERLY
CELL RESPONSE TO MODIFIED T1 SURFACES
INTERNATIONAL SYMPOSIUM ON DEVELOPMENTAL NEUROSCIENCE
ELECTRON SPIN RESONANCE SPECTROMETER
KINETICS OF LANGERHANS CELLS IN ORAL MUCOSA AND SKIN
MENTAL ILLNESS AND OUTCOMES OF NURSING HOME CARE
SMALL INSTRUMENTATION PROGRAM
SPECIFIC LANGUAGE DISORDER - GENETICS AND EPIDEMIOLOGY
MODERNIZATION OF AMINO ACID ANALYZER
SMALL INSTRUMENTATION PROGRAM

INSTITUTION TOTAL 16 1,561,830
CITY TOTAL 16 1,561,830

STATE TOTAL 21 1,974,445

KANSAS CITY
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL
1R29 HD26639-01 ENDERS, GEORGE C
1S15 GM43414-01 MERTES, MATTHIAS P
1R01 NR02092-01 TAUNTON, ROMA L

KANSAS
UNIVERSITY OF KANSAS COLLEGE OF HEALTH SCIENCES AND HOSPITAL
SPERMATOGENESIS: A STUDY OF DYNAMIC ADHESION EVENTS
SMALL INSTRUMENTATION PROGRAM
NURSE MANAGERS, NURSE RETENTION, PATIENT OUTCOMES

INSTITUTION TOTAL 3 551,941
CITY TOTAL 3 551,941

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RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

KANSAS LAWRENCE UNIVERSITY OF KANSAS 1S15 A129059-01	LAWRENCE BEARSE, ROBERT C	SMALL INSTRUMENTATION PROGRAM	26,036
INSTITUTION TOTAL CITY TOTAL	1 1		26,036
MANHATTAN KANSAS STATE UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE 1S15 EY08449-01	TAKEMOTO, DOLORES J	SMALL INSTRUMENTATION PROGRAM	17,337
INSTITUTION TOTAL CITY TOTAL	1 1	17,337	17,337
STATE TOTAL	5	595,314	
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1R29 GM42746-01 1S15 GM43504-01 1R01 AG07999-01 1R29 GM42476-01 1S15 GM43455-01	BIEK, DONALD PAUL JONES, DAVY QUANDT, SARA A RYMOND, BRIAN C WILSON, EMERY A	INHERITANCE OF GENETIC MATERIAL IN PRORARYOTES SMALL INSTRUMENTATION PROGRAM NUTRITIONAL STRATEGIES & DIETARY STATUS OF RURAL ELDERLY FUNCTION OF SNRNP PARTICLES IN PRE-mRNA SPLICING SMALL INSTRUMENTATION PROGRAM	86,213 22,310 85,722 90,968 46,788
INSTITUTION TOTAL CITY TOTAL	5 5	332,001 332,001	
LOUISVILLE UNIVERSITY MEDICAL ASSOCIATES 1R43 HL42728-01	HARRIS, EON N	ELISA KIT SPECIFIC FOR THE ANTI-PHOSPHOLIPID SYNDROME	50,000
INSTITUTION TOTAL UNIVERSITY OF LOUISVILLE 1R01 GM42454-01	1		50,000
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	1 2 7	175,447 225,447 557,448	175,447

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA BATON ROUGE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE AT BATON ROUGE 1R15 AI28192-01 MALONE, JOHN B 1R01 CA49296-01A1 MONTEJARO, RONALD C 1S10 RR04904-01 MORDEN, KATHLEEN M		SATELLITE CLIMATOLOGY AND CONTROL OF SNAIL BORNE DISEASE GENE EXPRESSION DURING LENTIVIRUS INFECTIONS --EIAV 500 MHZ NMR SPECTROMETER	101,333 122,940 400,000
INSTITUTION TOTAL CITY TOTAL	3 3	624,273 624,273	
NEW ORLEANS ALTON OCHSNER MEDICAL FOUNDATION 1S15 CA51257-01 RE, RICHARD NOEL		SMALL INSTRUMENTATION PROGRAM	5,126
INSTITUTION TOTAL	1	5,126	
LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS 1R01 DK41868-01 HWANG, DANIEL H 1R01 EY08137-01 KHOOBÉHI, BAHRAM 1S10 RR04710-01 THOMPSON, JAMES J		EFFECTS OF DIETARY LINOLENATE ON ARACHIDONATE RETINAL BLOOD FLOW MEASUREMENT FLOW CYTOMETRY FACILITY	40,589 89,644 190,000
INSTITUTION TOTAL CITY TOTAL	3 3	320,233	
TULANE UNIVERSITY OF LOUISIANA 1R01 DK40202-01A1 BOWERS, CYRIL Y 1S15 CA51306-01 IDE, CHARLES F 1R01 DK41480-01 SHAH, SUDHIR V		ISOLATION/IDENTIFICATION OF A NEW GH RELEASING PEPTIDE SMALL INSTRUMENTATION PROGRAM OXIDANT MECHANISMS IN MEMBRANOUS NEPHROPATHY	312,116 18,369 102,361
INSTITUTION TOTAL CITY TOTAL	3 7	432,846 758,205	
SHREVEPORT SOUTHERN UNIVERSITY AGRICULTURAL AND MECHANICAL COLLEGE, SHREVEPORT-BOSSIER CITY 1S14 RR05364-01 WILMER, LEONARD		DEVELOPMENT OF MBR'S PROGRAM FOR A TWO-YEAR COLLEGE	138,695
INSTITUTION TOTAL CITY TOTAL	1 1	138,695 138,695	
STATE TOTAL	11	1,521,173	
MAINE BAR HARBOR JACKSON LABORATORY 1S15 CA51301-01 BAILEY, DONALD W		SMALL INSTRUMENTATION PROGRAM	48,049

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MAINE BAR HARBOR JACKSON LABORATORY 1P01 GM42970-01	NADEAU, JOSEPH H	MULTI-LEVEL ANALYSIS AND DISPLAY OF MOUSE GENOME DATA	758,024
INSTITUTION TOTAL CITY TOTAL	2	806,073 806,073	
ORONO UNIVERSITY OF MAINE 1S15 EY08457-01	KASS, LEONARD J	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL CITY TOTAL	1 1	5,000 5,000	
STATE TOTAL	3	811,073	
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1R01 CA49218-01A1 1R01 AG08494-01 1R29 A127429-01A1 1R01 CA49776-01 1R29 DK41260-01 1S10 RR04923-01 1P40 RR05236-01 1S15 GM43395-01 1R29 HL43312-01 1R01 CA50435-01 1R01 GM42780-01 1R01 AG08327-01 1R29 DK41889-01 1R01 GM42522-01 1R01 NS27776-01 1R01 AI28211-01 1S15 CA51273-01 1R01 CA49644-01 1R01 HD24123-01A1 1R01 HD24139-01A1 1R29 GM42878-01 1P01 AG08321-01	BAKER, FRANK BLEECKER, MARGIT L BOCHNER, BRUCE S CAMERON, JOHN L DONOHUE, PATRICIA A FEARON, DOUGLAS T FRAZIER, JOHN M GOLDBERG, ALAN M KARP, MARSHA W KAUFMANN, SCOTT H KELLY, THOMAS J KEYL, PENELOPE M LILLEMOE, KEITH D MACHAMER, CAROLYN E MOUNTCASTLE, VERNON B PABO, CARL O ROSS, RICHARD S SHIN, HYUN S STARFIELD, BARBARA STROBINO, DONNA M WASHABAUGH, MICHAEL W ZIRKIN, BARRY R	PSYCHOSOCIAL FACTORS IN ADJUSTMENT OF BMT SURVIVORS BIOLOGICAL FACTORS RESPONSIBLE FOR NEUROBEHAVIORAL AGING BASOPHIL ACTIVATION AND RECRUITMENT IN ALLERGIC DISEASE PAIN CONTROL IN PATIENTS WITH PANCREATIC CANCER 21-HYDROXYLASE DEFICIENCY - MUTATIONS AND MECHANISMS INTERDEPARTMENTAL FLOW CYTOMETRY CORE FACILITY CORE SUPPORT-CENTER FOR ALTERNATIVES TO ANIMAL TESTING SMALL INSTRUMENTATION PROGRAM G PROTEIN AND AGE-RELATED CHANGES IN AIRWAY REACTIVITY TOPOISOMERASE II AND DRUG RESISTANCE IN ACUTE LEUKEMIA REGULATION OF THYMIDINE KINASE IN THE CELL CYCLE EFFECTS OF ALZHEIMER'S DISEASE AND AGING ON DRIVING ROLE OF CALCIUM AND COFFEE IN GALLSTONE DISEASE MEMBRANE INSERTION AND TARGETING OF VIRAL GLYCOPROTEINS CEREBRAL CORTICAL MECHANISMS IN SOMESTHESIS STRUCTURE/ACTIVITY STUDIES OF THE TAT PROTEIN FROM HIV SMALL INSTRUMENTATION PROGRAM ERADICATION OF RESIDUAL LEUKEMIA BY ANTIBODY THERAPY LOW BIRTHWEIGHT AND PREMATURITY - RACE AND RISK FACTORS YOUNG MATERNAL AGE, INFANT HEALTH & HEALTH CARE USE MECHANISMS OF ENZYMIC AND NONENZYMIC THIAMIN REACTIONS AGING AND MALE REPRODUCTIVE TRACT STRUCTURE AND FUNCTION	180,354 166,140 94,692 97,106 93,230 259,000 73,178 77,435 106,066 163,918 191,250 204,753 93,884 145,817 255,397 105,694 98,488 131,662 147,111 120,163 102,166 641,408
INSTITUTION TOTAL		22	3,548,912

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND BALTIMORE MARYLAND MEDICAL RESEARCH INSTITUTE 1R01 HL42428-01	KNATTERUD, GENELL L	THROMBOLYSIS IN MYOCARDIAL ISCHEMIA COORDINATING CENTER	590,495
INSTITUTION TOTAL	1	590,495	
NOVA PHARMACEUTICAL CORPORATION 1R43 AR39930-01	FARMER, STEPHEN G	INTERLEUKIN 1 REGULATION OF BRADYKININ RECEPTORS	49,611
INSTITUTION TOTAL	1	49,611	
UNIVERSITY OF MARYLAND SYSTEM - UNIVERSITY OF MARYLAND 1R01 CA50629-01	BALCER-KUBICZEK, ELIZABETH K	BALTIMORE PROFESSIONAL SCHOOL NEOPLASTIC TRANSFORMATION BY NEUTRONS AND GAMMA RAYS	164,721
1R01 NS27171-01	BLOCH, ROBERT J	ASSEMBLY OF A POSTSYNAPTIC MEMBRANE	128,378
1S15 AI29016-01	DENNIS S JOHN M	SMALL INSTRUMENTATION PROGRAM	73,722
1S10 RR04800-01	LAKOWICZ JOSEPH R	DUAL TIME AND FREQUENCY-DOMAIN FLUOROMETER	117,000
1R01 GM42925-01	LOVETT, PAUL S	TRANSLATIONAL ATTENUATION AS A GENE REGULATOR	194,236
1R01 DK41022-01A1	MAX STEPHEN R	ENDOCRINE ASPECTS OF MUSCLE WASTING IN AIDS	113,507
1R01 GM42614-01	POULOS, THOMAS L	HEME ENZYME PROTEIN ENGINEERING	157,337
INSTITUTION TOTAL	7	948,901	
CITY TOTAL	31	5,137,919	
BELTSVILLE INTERNATIONAL SOCIETY FOR CHRONOBIOLOGY 1R13 CA49424-01	HAYES, DORA K	XIX CONFERENCE - INT SOC CHRONOBIOLOGY - JUNE 20-24-1989	15,500
INSTITUTION TOTAL	1	15,500	
CITY TOTAL	1	15,500	
BETHESDA FEDERATION OF AMERICAN SOCIETIES FOR EXPERIMENTAL BIOLOGY 1R13 DK41688-01	COUSINS, ROBERT J	FASEB SUMMER CONFERENCE MICRONUTRIENTS--TRACE ELEMENTS	6,000
1R13 HD26431-01	DARLINGTON, GRETCHEN J	FASEB RESEARCH CONFERENCE--CELLULAR & MOLECULAR GENETICS	5,500
1R13 DK41689-01	GREENWOOD, MARY R	FASEB CONFERENCE / ENERGY/BALANCE & NUTRIENT PARTITIONING	11,000
1R13 GM41595-01	MEANS, ANTHONY R	FASEB CONFERENCE - CALCIUM AND CELL FUNCTION	13,000
1R13 DK41343-01	NAVAR, LUIS G	FASEB/RENAL HEMODYNAMICS--INTEGRATIVE & CELLULAR MECHS	3,000
1R13 GM42586-01	QUAIL, PETER H	FASEB SUMMER RESEARCH CONFERENCE--PLANT GENE EXPRESSION	2,000
1R13 GM42552-01	SCHLESINGER, MILTON J	UBIQUITIN AND INTRACELLULAR PROTEIN DEGRADATION	2,000
1R13 GM42587-01	WILSON, JOHN H	GENETIC RECOMBINATION AND GENOME REARRANGEMENTS	7,000
1R13 DK41657-01	WOOD, JACKIE D	FASEB SUMMER RESEARCH CONFERENCE: GI REGULATION	9,575
INSTITUTION TOTAL	9	49,075	

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RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND BETHESDA HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE 1R01 CA50193-01	JAMES J SCHLESSELMAN,	ORAL CONTRACEPTIVES AND CANCER	81,464
INSTITUTION TOTAL CITY TOTAL	1 10	81,464 130,539	

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CATONSVILLE UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1S15 GM43403-01 1R29 GM42561-01	FENSELAU, CATHERINE C SUMMERS, MICHAEL F	BALTIMORE COUNTY CAMPUS SMALL INSTRUMENTATION PROGRAM NMR STUDIES OF RETROVIRAL NUCLEIC ACID BINDING PROTEINS	15,215 96,887
INSTITUTION TOTAL CITY TOTAL	2 2	112,102 112,102	
COLLEGE PARK DIGENE IR43 AI27591-01	MCCLINTOCK, JAMES T	HERPESVIRIDAE INFECTIONS & THE PROGRESSION OF AIDS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1R01 GM40570-01A1	GERLT, JOHN A	COLLEGE PARK CAMPUS RESTRUCTURING CATALYSIS IN THE MANDELATE PATHWAY	249,032
INSTITUTION TOTAL CITY TOTAL	2 2	249,032 299,032	
GAITHERSBURG MOLECULAR ONCOLOGY, INC. 1R43 CA50077-01	KING, CHARLES R	DOMAIN SPECIFIC ANTIBODIES TO HUMAN ERB-2/NEU PROTEIN	44,074
INSTITUTION TOTAL CITY TOTAL	1 1	44,074 44,074	
ROCKVILLE AMERICAN TYPE CULTURE COLLECTION 1R01 GM42934-01	MAGLIOTT, DONNA R	DEVELOPING PROCEDURES FOR A GENOMIC REPOSITORY	217,278
INSTITUTION TOTAL	1	217,278	

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
ROCKVILLE			
MICROBIOLOGICAL ASSOCIATES, INC.			
1R43 ES015152-01	HARBELL, JOHN W	IN VITRO ASSAY FOR TOXIC PARTICULATES	48,132
INSTITUTION TOTAL	1		48,132
SPINA BIFIDA ASSOCIATION OF AMERICA			
1R13 NS28295-01	PATRICK, DONALD L	NEURAL TUBE DEFECTS ETIOLOGY RESEARCH CONFERENCE	14,311
INSTITUTION TOTAL	1		14,311
U.S. DEPARTMENT OF ENERGY--MOLECULAR ANATOMY LABORATORY			
1R43 ES04712-01A2	MOORE, LARRY J	ULTRASENSITIVE NICKEL DETERMINATIONS FOR TOXICOLOGY	49,917
INSTITUTION TOTAL	1		49,917
CITY TOTAL	4		329,638
STATE TOTAL	51		6,068,804
MASSACHUSETTS			
AMHERST			
AMHERST COLLEGE			
1S15 GM43419-01	DOOLEY, DAVID M	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
UNIVERSITY OF MASSACHUSETTS AT AMHERST			
1R01 GM42636-01	BRANDTS, JOHN F	DOMAIN INTERACTION IN GLOBULAR AND TRANSMEMBRANE PROTEIN	223,494
1S15 GM43402-01	MARONEY, MICHAEL J	SMALL INSTRUMENTATION PROGRAM	24,520
1R01 CA50532-01	NORKIN, LEONARD C	INTERACTION OF SV40 WITH MHC CLASS 1 PROTEINS	115,669
INSTITUTION TOTAL	3		363,683
CITY TOTAL	4		368,683
ANDOVER			
PHYSICAL SCIENCES, INC.			
1R43 DR41577-01	DAVIS, STEVEN J	LASER-INDUCED PHOTOEMISSIVE IDENTIFICATION OF CALCULI	49,948
INSTITUTION TOTAL	1		49,948
CITY TOTAL	1		49,948

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS ASHLAND TEKMAT CORPORATION 1R43 NS27791-01	KLAUSER, MITCHELL	MICRODIALYSIS MEMBRANES FOR CHRONIC STUDIES	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
BEDFORD COLLABORATIVE RESEARCH, INC. 1R01 DK41269-01	BOWDEN, DONALD W	GENETIC MAPPING OF NON-INSULIN DEPENDENT DIABETES	263,666
INSTITUTION TOTAL CITY TOTAL	1 1	263,666 263,666	
BELMONT CAMBRIDGE SCIENTIFIC, INC. 1R43 HD25779-01	GRESSOR, JOSEPH	MULTIPHASIC RELEASE OF LHRH FOR TREATING INFERTILITY	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
MC LEAN HOSPITAL 1S15 AG08792-01	DAVIS, JOSEPH H	SMALL INSTRUMENTATION PROGRAM	40,738
INSTITUTION TOTAL CITY TOTAL	1 2	40,738 90,738	
BOSTON BETH ISRAEL HOSPITAL 1R01 EY0715-01A1	AVORN, JEROME L DVORAK, HAROLD F RABKIN, MITCHELL T SALZMAN, EDWIN W SILVA, JORGE E	TOPICAL B-BLOCKER SIDE EFFECTS IN ELDERLY PROSPECTIVE STUDY OF OVARIAN CARCINOMA SMALL INSTRUMENTATION PROGRAM UPGRADING SPECTROFLUORIMETER FOR STUDY OF SINGLE CELLS ROLE OF THYROID HORMONE IN BROWN ADIPOSE TISSUE FUNCTION	155,544 202,041 61,564 134,000 192,372
INSTITUTION TOTAL CITY TOTAL	5 5	745,521 745,521	
BOSTON BIOMEDICAL RESEARCH INSTITUTE 1S15 GM43446-01 1S10 RR05042-01	LU, RENNE C TAO, TERENCE C	SMALL INSTRUMENTATION PROGRAM MULTIFREQUENCY PHASE AND MODULATION FLUOROMETER	35,181 131,000
INSTITUTION TOTAL CITY TOTAL	2 2	166,181 166,181	

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RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

MASSACHUSETTS

BOSTON UNIVERSITY

1S15 HL43994-01 CHOBANIAN, ARA M V
 1R01 HL43161-01 DICKEY, BURTON F
 1R13 AG08474-01 KELLY, JEREMIAH F
 1R01 HL43395-01 LEVINE, ROY A
 1S10 RR04901-01 MARSHAK-ROTHSTEIN, ANN
 1R29 DK40538-01A1 OFFNER, GYNNETH D
 1S15 CA51393-01 SCOTCH, NORMAN A
 1R01 CA49629-01 SKARE, JAMES C
 1R01 DK41263-01 WIDMAIER, ERIC P

INSTITUTION TOTAL 9 869,277

BRIGHAM AND WOMEN'S HOSPITAL
 1R01 DK41415-01 BROWN, EDWARD M
 1R01 HL42120-01A1 CANESSA, MITZY L
 1R01 CA45484-01A3 EBERLEIN, TIMOTHY J
 1S10 RR04978-01 INGWALL, JOANNE S
 1R01 GM42672-01 KRIEGER, NEIL R
 1S15 HL43983-01 NESSON, H RICHARD
 1R01 CA49449-01 SPEIZER, FRANK E
 1R01 HL43131-01 TANG, SHIOW-SHIH

INSTITUTION TOTAL 8 3,040,084

CENTER FOR BLOOD RESEARCH
 1S10 RR04828-01 ALPER, CHESTER A

INSTITUTION TOTAL 1 49,000

CHILDREN'S HOSPITAL
 1R01 HL42908-01 KULIK, THOMAS J
 1R01 AR39965-01 SHAPIRO, FREDERIC D
 1R01 NS27832-01 VILLA-KOMAROFF, LYDIA

INSTITUTION TOTAL 3 338,965

DANA-FARBER CANCER INSTITUTE
 1R29 AI28554-01 BIERER, BARBARA E
 1S15 CA51320-01 JANICKI, BERNARD W
 1P01 CA50661-01 LIVINGSTON, DAVID M
 1R01 DK42260-01 SIEFF, COLIN A

INSTITUTION TOTAL 4 1,432,085

SMALL INSTRUMENTATION PROGRAM
 CONTROL OF SURFACTANT SECRETION BY GTP BINDING PROTEINS
 1989 SUMMER INSTITUTE IN GERIATRIC MEDICINE
 REGULATION OF ALVEOLAR EPITHELIAL CELL DIFFERENTIATION
 FLOW CYTOMETER
 MOLECULAR BASIS FOR MULTIPLE FORMS OF HEME OXYGENASE
 SMALL INSTRUMENTATION PROGRAM
 GENETICS OF THE X-LINKED LYMPHOPROLIFERATIVE SYNDROME
 CONTROL OF STRESS RESPONSE IN RATS BY ENERGY SUBSTRATES

PHARMACOLOGY OF BOVINE PARATHYROID CA RECEPTORS
 CELL PH AND CA++ IN NORMAL AND HYPERTENSIVE RAT ADRENALS
 AN ALTERNATIVE METHOD OF ADAPTIVE IMMUNOTHERAPY
 NMR SPECTROMETER
 MOLECULAR TARGET FOR STERIOD ANESTHESIA
 SMALL INSTRUMENTATION PROGRAM
 BIOCHEMICAL MARKERS IN THE NURSE HEALTH STUDY COHORT
 NUCLEAR EFFECTS OF ANGIOTENSIN ON VASCULAR SMOOTH MUSCLE

DNA SYNTHESIZER/SEQUENCING SYSTEM
 49,000

STRETCH AS A GROWTH STIMULUS IN VASCULAR SMOOTH MUSCLE
 CELL-CELL COMMUNICATION IN CORTICAL BONE REPAIR
 IGF-II IN FETAL AND MATURE NERVOUS SYSTEM AND MUSCLE

INTERACTION OF CD-2 WITH LFA-3 IN T CELL ACTIVATION
 SMALL INSTRUMENTATION PROGRAM
 PAPOVAVIRUS TRANSFORMING MECHANISMS
 HUMAN IMMUNODEFICIENCY VIRUS AND HEMATOPOIESIS

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	NIH RESEARCH GRANTS	DOCKED AWARDED
MASSACHUSETTS BOSTON	HARVARD UNIVERSITY 1S15 GM43394-01 1R01 GM42720-01 1S15 CA51360-01 1R01 AG08331-01 1R01 EY08091-01 1R01 CA44683-01A1 1R01 HL43318-01 1R13 CA50302-01 1R01 AI25944-01A1 1S10 RR04951-01 1R01 DK40518-01A1 1R01 AI27511-01A1 1S10 RR04862-01 1S15 AR40205-01	SMALL INSTRUMENTATION PROGRAM MESSENGER RNA DECAY IN MAMMALIAN CELLS SMALL INSTRUMENTATION PROGRAM AGE CASE-MIX PROCESS & OUTCOME IN HOSPITALIZED PATIENTS CELL BIOLOGY OF RETINAL PIGMENT EPITHELIUM CASE-CONTROL STUDY OF CANCER OF EXTRABEHATIC BILE DUCT EXPERIMENTAL CARDIAC TRANSPLANT ATHEROSCLEROSIS FOURTEENTH INTERNATIONAL HERPESVIRUS WORKSHOP MOLECULAR GENETICS OF PEPTIDE EXPORT IN E. COLI CONFOCAL FLUORESCENCE MICROSCOPE PHOSPHOFRUCTOKINASE ISOZYME EXPRESSION DURING MYOGENESIS ROLE OF SANDFLY SALIVA IN LEISHMANIASIS PURCHASE OF 500 MHZ NMR SPECTROMETER SMALL INSTRUMENTATION PROGRAM	36,500 143,754	86,161 196,605 63,413 139,817 124,969 88,606 143,556 5,000 194,688 175,000 129,535 135,578 400,000 11,658
MASSACHUSETTS EYE AND EAR INFIRMARY 1S15 EY08435-01 1R01 EY08088-01	STANLEY J JOEL G BELASCO ÉLKAN R CLEARY PAUL D HETH CYNTHIA A HSIEH CHONG-CHENG KARNOVSKY MORRIS J KNIPE DAVID M KOLTER ROBERTO G MATLIN KARL S SUL HÉI S TITUS RICHARD G WALSH CHRISTOPHER T WONG DAVID T	INSTITUTION TOTAL 14 1,894,586	36,500 143,754	36,500 143,754
MASSACHUSETTS GENERAL HOSPITAL 1R01 DK41762-01 1R01 HL43216-01 1S10 RR04898-01 1S10 RR04780-01 1R13 HD25960-01 1R01 AG07906-01 1R01 GM42359-01 1R01 GM42826-01 1R01 AR39993-01 1S15 HL44040-01 1R01 HD25394-01 1R29 CA49832-01 1R01 HL43340-01 1R01 A127849-01 1R01 CA49455-01 1R01 A127740-01A1 1R01 AI28568-01	AVRUCH, JOSEPH BARSKY, ARTHUR J BRADY, THOMAS J CAVINNESS, VERNE S, JR ERBE, RICHARD W GROWDON, JOHN H GUSELLA, JAMES F HAINES, JONATHAN L KURNICK, JAMES T LAMONT-HAVERS, RONALD W MILLER, JEFFREY B OZTURK, MEHMET RUSSELL, PAUL S SEED, BRIAN SEIZINGER, BERND R SY, MAN-SUN WALKER, BRUCE D	INSTITUTION TOTAL 2 180,254	36,500 143,754	36,500 143,754
MASSACHUSETTS GENERAL HOSPITAL 1R01 DK41762-01 1R01 HL43216-01 1S10 RR04898-01 1S10 RR04780-01 1R13 HD25960-01 1R01 AG07906-01 1R01 GM42359-01 1R01 GM42826-01 1R01 AR39993-01 1S15 HL44040-01 1R01 HD25394-01 1R29 CA49832-01 1R01 HL43340-01 1R01 A127849-01 1R01 CA49455-01 1R01 A127740-01A1 1R01 AI28568-01	AVRUCH, JOSEPH BARSKY, ARTHUR J BRADY, THOMAS J CAVINNESS, VERNE S, JR ERBE, RICHARD W GROWDON, JOHN H GUSELLA, JAMES F HAINES, JONATHAN L KURNICK, JAMES T LAMONT-HAVERS, RONALD W MILLER, JEFFREY B OZTURK, MEHMET RUSSELL, PAUL S SEED, BRIAN SEIZINGER, BERND R SY, MAN-SUN WALKER, BRUCE D	INSTITUTION TOTAL 17 3,606,472	36,500 143,754	36,500 143,754

NIH
RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

MASSACHUSETT'S BOSTON NEW ENGLAND DEACONESS HOSPITAL	KRAMER, ROBERT A MAKI, TAKASHI ROSE, RICHARD M	ROLE OF GLUTATHIONE IN MULTIDRUG RESISTANCE PANCREATIC ISLET TRANSPLANTATION IN NOD MICE HIV-ALVEOLAR MACROPHAGE INTERACTION	103,667 171,493 2,000,504
INSTITUTION TOTAL	3	2,275,664	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC.			
1R29 CA44761-01A3	CHERRINGTON, VAN CONE, ROGER D	AN ONCOGENE SENSITIVE REGULATION OF DIFFERENTIATION MOLECULAR BASIS OF THYROIDAL IODIDE TRANSPORT	86,083
1R29 DK41921-01	DATTA, SYAMAL K	PATHOGENIC ANTI-DNA ANTIBODIES - REGULATE HUMAN LUPUS	98,551
1R01 AR39157-01A1	DIETZ, WILLIAM H	ENERGY EXPENDITURE AND THE INCIDENCE OF OBESITY	115,304
1R01 HD25579-01			226,319
INSTITUTION TOTAL	4	526,257	
NORTHEASTERN UNIVERSITY			
1S15 AG08780-01	FINE, SAMUEL	SMALL INSTRUMENTATION PROGRAM	16,018
1S15 CA51366-01	GIÈSE, ROGER W	SMALL INSTRUMENTATION PROGRAM	8,102
INSTITUTION TOTAL	2	24,120	
ST. ELIZABETH'S HOSPITAL OF BOSTON			
1R13 DK40651-01	DAINIAK, NICHOLAS, JR	INTERNATIONAL SYMPOSIUM ON THE BIOLOGY OF HEMATOPOIESIS	19,000
INSTITUTION TOTAL	1	19,000	
BUFTS UNIVERSITY			
1R01 HL43203-01	GRAY, MARK R	SINGLE BASE DIFFERENCES IN THE HUMAN FACTOR VIII GENE	166,753
1R01 GM42219-01	SONENSHINE, ABRAHAM L	ISOLATION OF EARLY SPORULATION GENES	179,465
1S15 GM43505-01	TALAMO, BARBARA R	SMALL INSTRUMENTATION PROGRAM	75,083
1R01 AG08909-01	YAAR, MINA	GROWTH REGULATION OF NORMAL & MALIGNANT KERATINOCYTES	148,170
INSTITUTION TOTAL	4	569,471	
UNIVERSITY HOSPITAL			
1R01 HL40123-01A1	GRIFFING, GEORGE T	19-NOR-DEXYCORTICOSTERONE IN HYPERTENSION	172,962
INSTITUTION TOTAL	1	172,962	
UNIVERSITY OF MASSACHUSETTS AT BOSTON			
1S15 AI29068-01	SAFWAT, FUAD M	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1	15,914,899	
CITY TOTAL			

NIH
RESEARCH GRANTS

GRANT NUMBER

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

MASSACHUSETTS CAMBRIDGE HARVARD UNIVERSITY 1R01 GM42413-01 1R29 GM42550-01 1S10 RR04669-01 1R01 GM42843-01	BARON, MARGARET H BOOTHBY, MARK R BRANTON, DANIEL PERALTA, ERNEST G	DEVELOPMENTAL REGULATION OF HUMAN B-LIKE GLOBIN GENES AN IL-4 INDUCIBLE PROTEIN IN LYMPHOCYTE GENE EXPRESSION CONFOCAL SCANNING IMAGING SYSTEM SIGNAL TRANSDUCTION MECHANISMS OF MUSCARINIC RECEPTORS	194,126 97,283 160,000 121,078
INSTITUTION TOTAL 4		572,487	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 1R01 GM42504-01 1R01 AR40029-01 1S10 RR04928-01 1R01 GM42645-01	GEHRKE, LEE HOGAN, NEVILLE NEURINGER, LEO J YOUVAN, DOUGLAS C	CONTROL OF CELL FUNCTION VIA SELECTIVE mRNA TRANSLATION STUDY OF TOOL USE BY AMPUTEES AND ABLE PERSONS CM MAGNET FOR NMR SPECTROSCOPY AND MICROIMAGING SPECTROSCOPIC SCREENING OF ISOMORPHIC PROTEIN SEQUENCES	210,566 150,050 329,000 93,390
INSTITUTION TOTAL 4		783,006	
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH 1S15 GM43437-01 1R01 GM41307-01A1	BALTIMORE, DAVID KIM, PETER S	SMALL INSTRUMENTATION PROGRAM SYNTHETIC SUBDOMAINS OF BPTI AS PROTEIN FOLDING MODELS	34,506 222,833
INSTITUTION TOTAL CITY TOTAL 10	2	257,339 1,612,832	
DANVERS APEC, INC. 1R43 DK41596-01	LIFFMANN, STANLEY M	FAST ENZYMATIC DETERMINATION OF CREATININE IN SERUM	48,540
INSTITUTION TOTAL CITY TOTAL 1	1	48,540 48,540	
HOPKINTON CREATIVE BIOMOLECULES, INC. 1R43 AR40106-01 1R43 AR40112-01	CHARETTE, MARC F TUCKER, RONALD F	CARTILAGE MATRIX PROTECTION BY FORMS OF TIMP INTERACTIVE EFFECTS OF GROWTH FACTORS ON CARTILAGE	50,000 50,000
INSTITUTION TOTAL CITY TOTAL 2	2	100,000 100,000	
MEDFORD TUFTS UNIVERSITY 1R29 HD25889-01	HOLCOMB, PHILLIP J	CROSS-MODALITY LANGUAGE PROCESSING	99,666

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS MEDFORD TUFTS UNIVERSITY 1S15 CA51254-01	SAMPSON, PHILIP B	SMALL INSTRUMENTATION PROGRAM	23,461
INSTITUTION TOTAL CITY TOTAL	2	123,127 123,127	
NATICK SPORTLABS 1R43 AR39780-01A1	SUDMEIER, JAMES L	INTERACTIVE 3-D COMPUTER ANIMATION AND ANALYSIS OF SPORT	49,988
INSTITUTION TOTAL CITY TOTAL	1	49,988 49,988	
NEEDHAM HEIGHTS MERIX CORPORATION 1R43 DK41157-01	MIX, THOMAS W	ORAL INSULIN ADMINISTRATION	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	
NEWTON BOSTON COLLEGE 1R01 GM42833-01 1S15 GM43416-01	KANTROWITZ, EVAN R POWERS, ROBERT D	NEW INSIGHTS INTO ENZYME STRUCTURE AND FUNCTION SMALL INSTRUMENTATION PROGRAM	141,348 13,263
INSTITUTION TOTAL CITY TOTAL	2	154,611 154,611	
SHREWSBURY WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY, INC. 1S15 GM43452-01	PEDERSON, THORU	SMALL INSTRUMENTATION PROGRAM	47,305
INSTITUTION TOTAL CITY TOTAL	1	47,305 47,305	
SOMERVILLE SCIENCE RESEARCH LABORATORY, INC. 1R43 CA50031-01	SHEFER, RUTH E	ACCELERATOR PRODUCTION OF EPITHERMAL NEUTRONS FOR BNCT	49,899
INSTITUTION TOTAL	1	49,899	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
CITY TOTAL	1	49,899

MASSACHUSETTS

WALTHAM	BRANDEIS UNIVERSITY 1S15 GM43400-01 1R13 GM42649-01 1R13 GM42858-01 IR29 AG08382-01	COHEN, JOEL M DEROSIER, DAVID J MILLER, CHRISTOPHER STINE, ELIZABETH L	SMALL INSTRUMENTATION PROGRAM 3-D ELECTRON MICROSCOPY OF MACROMOLECULES MECHANISMS OF MEMBRANE TRANSPORT PROTEINS ADULT AGE DIFFERENCES IN ONLINE PROCESSING OF DISCOURSE	54,524 4,000 2,000 90,196
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INSTITUTION TOTAL

4

150,720

EUNICE KENNEDY SHRIVER CENTER FOR MENTAL RETARDATION 1S10 RR04890-01	FOX, THOMAS O	IMAGE ANALYSIS SYSTEM	359,000
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INSTITUTION TOTAL

1

359,000

CITY TOTAL

5

509,720

WAYLAND

CANDELLA LASER CORPORATION 1R43 AR38987-01A2 1R43 AR40104-01	FURUMOTO, HORACE W LESIECKI, MICHAEL	PULSED LASER TREATMENT OF PIGMENTED LESIONS MID-INFRARED LASER FOR HEAD AND NECK SURGERY	50,000 47,068
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INSTITUTION TOTAL

2

97,068

CITY TOTAL

97,068

WOODS HOLE

MARINE BIOLOGICAL LABORATORY 1S15 GM43397-01	HALVORSON, HARLYN O	SMALL INSTRUMENTATION PROGRAM	16,077
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INSTITUTION TOTAL

1

16,077

CITY TOTAL

16,077

WORCESTER

ALPHA-BETA TECHNOLOGY, INC 1R43 AI28139-01	JAMAS; SPIROS	MACROPHAGE ACTIVATING ADJUVANTS FOR HIV VACCINES	48,100
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INSTITUTION TOTAL

1

48,100

CLARK UNIVERSITY

1R15 AI27940-01	LIVDAHL, TODD P	PREDICTING OUTCOMES OF THE AEDES ALBOPICTUS INVASION	101,265
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NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS WORCESTER CLARK UNIVERSITY 1R15 HD25585-01	LYERLA, TIMOTHY A	CHROMOSOMAL LOCALIZATION OF THE CHEDIAK-HIGASHI GENE	92,411
INSTITUTION TOTAL	2	193,676	
COLLEGE OF THE HOLY CROSS 1R15 AG08359-01	AINLAY, STEPHEN C	WORCESTER AREA PROJECT ON AGING	109,596
INSTITUTION TOTAL	1	109,596	
ST. VINCENT HOSPITAL 1R01 AR39870-01	SHAPIRO, JAY R	COLLAGEN METABOLISM IN O. IMPERFECTA OSTEOBLASTS	127,912
INSTITUTION TOTAL	1	127,912	
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER 1R01 NS27833-01 1R01 GM43023-01 1R01 DK41235-01 1R29 AI29417-01 1S10 RR04659-01	DEGENNARO, LOUIS J HARDY, LARRY W MORDESS, JOHN P ROMAIN, PAUL L WRIGHT, GEORGE E	REGULATION OF SYNAPSIN GENE EXPRESSION IN VITRO MECHANISMS OF DTMP SYNTHASE AND DCMP HYDROXYMETHYLASE ROLE OF VENULAR ENDOTHELIUM IN DIABETES NORMAL AND RHEUMATIC DISEASE T CELL REGULATION VIA CD6 NUCLEAR MAGNETIC RESONANCE SPECTROMETER	116,325 144,914 201,902 102,060 314,000
INSTITUTION TOTAL CITY TOTAL	5 10	879,201 1,358,485	
STATE TOTAL	129	20,955,586	
MICHIGAN			
ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR	DIOKNO, ANANIAS C ELDER, JAMES T FREY, MAUREEN A GOLDSTEIN, IRWIN J JOHNSON, KENT J JUSTER, F T KEREN, DAVID F KOENIG, RONALD J LEVY, ROBERT J LEVY, ROBERT J LICHTER, PAUL R LOGSDON, CRAIG D	GERIATRIC URINARY INCONTINENCE: LONG-TERM FOLLOW-UP TGF-ALPHA AND TYROSINE KINASE ACTIVATION IN PSORIASIS NURSING PERSPECTIVE-FAMILIES CHILDREN & CHRONIC ILLNESS SMALL INSTRUMENTATION PROGRAM OXIDANT AND PROTEASE INTERACTION IN ACUTE LUNG INJURY SAVING WEALTH, AND HEALTH AMONG OLDER AMERICANS MUCOSAL IMMUNE RESPONSE TO AFLATOXIN B1 FUNCTIONAL ROLE OF MULTIPLE THYROID HORMONE RECEPTORS MYOCARDIAL CONTROLLED RELEASE IMPLANTS FOR ARRHYTHMIAS CONFERENCE ON CARDIOVASCULAR IMPLANT CALCIFICATION EFFECT OF GLAUCOMA THERAPY ON QUALITY OF LIFE MOLECULAR ANALYSIS OF THE CHOLECYSTOKININ RECEPTOR	387,809 98,278 93,181 88,998 195,784 125,968 130,821 92,228 186,734 2,900 79,500 164,635

NTH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1R01 CA50414-01 1S10 RR04761-01 1R01 AR40065-01 1S15 GM43404-01 1S15 A129046-01 1R01 DE08664-01A1 1R03 DE09133-01 1R01 DK41225-01	MARLETTA, MICHAEL A MEISLER, MIRIAM H NICKLOFF, BRIAN J PAUL, ARA G SHIPMAN, CHARLES, JR SYED, SALAM A WIDMALM, SVEN-ERIK WILLIAMS, JOHN A	NOVEL PATHWAY OF ARGININE METABOLISM IN MACROPHAGES DNA SEQUENCER AND OLIGO SYNTHESIZER ROLE OF ADHESION MOLECULES IN PSORIASIS SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM ORAL TREPONEMES: ECOLOGICAL AND BIOCHEMICAL STUDIES DIGASTRIC AND LATERAL PTERYGOID MUSCLE FUNCTION RECEPTORS FOR CCK & OTHER GI HORMONES	152,806 101,000 225,781 14,993 16,463 188,053 23,850 273,484
INSTITUTION TOTAL CITY TOTAL	20 20	2,643,266 2,643,266	
DETROIT HENRY FORD HOSPITAL 1R01 CA51748-01 1R01 AR39657-01 1S15 CA51352-01	FREYTAG, SYEND O KLEEREKOPER, MICHAEL SHORE, JOSEPH D	MECHANISMS OF C-MYC ONCOGENE ACTION BIOCHEMICAL MARKERS AND BONE LOSS IN OLDER WOMEN SMALL INSTRUMENTATION PROGRAM	106,710 374,399 36,753
INSTITUTION TOTAL CITY TOTAL	3 3	517,862	
MICHIGAN CANCER FOUNDATION 1S10 RR04949-01 1S15 CA51269-01	HEPPNER, GLORIA H KING, CHARLES M	DEC VAX/VMS 8530 COMPUTER SYSTEM SMALL INSTRUMENTATION PROGRAM	374,000 26,150
INSTITUTION TOTAL CITY TOTAL	2 2	400,150	
WAYNE STATE UNIVERSITY 1P01 CA46560-01A2 1R29 CA4795-01 1R01 CA43926-01A2 1R13 CA50727-01 1S15 CA51368-01 1R01 GM42620-01 1S15 CA51319-01	BAKER, LAURENCE H CHELLADURAI, MOHANATHASAN EVELHOCH, JEFFREY L EVELHOCH, JEFFREY L HOOD, ROBIN J NOVAK, RAYMOND F SHEA, FREDERICKA P	DEVELOPMENTAL THERAPEUTICS OF NEW SOLID TUMOR ANTICANCER TUMOR PROCOAGULANT: ROLE IN METASTASIS P-31 MRS: CHEMOTHERAPY RESPONSE PREDICTOR MAGNETIC RESOURCE IN EXPERIMENTAL AND CLINICAL ONCOLOGY SMALL INSTRUMENTATION PROGRAM GLUTATHIONE S-TRANSFERASE INDUCTION BY TOXICANTS SMALL INSTRUMENTATION PROGRAM	312,558 95,461 129,542 5,000 16,896 170,745 15,000
INSTITUTION TOTAL CITY TOTAL	7 12	735,202 1,653,214	
EAST LANSING MICHIGAN STATE UNIVERSITY 1R13 RR05361-01	BULL, ROBERT W		
			XXI IND INTERNATIONAL CONFERENCE ON ANIMAL GENETICS
			15,900

NTH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	
MICHIGAN EAST LANSING		
1S10 RR04750-01	CHANG, CHI K	NMR SPECTROMETER FOR ORGANIC STRUCTURE DETERMINATION
1R01 CA50430-01	CHANG, CHIA-CHENG	TRANSFORMATION OF HUMAN BREAST EPITHELIAL CELLS IN VITRO
1R01 CA48066-01A1	MAHER, VERONICA M	MECHANISMS OF HOMOLOGOUS RECOMBINATION IN HUMAN CELLS
1S15 CA51302-01	MC CORMICK, J. JUSTIN	SMALL INSTRUMENTATION PROGRAM
1S15 CA51296-01	ROBINSON, NORMAN E	SMALL INSTRUMENTATION PROGRAM
1R01 HL43229-01	TULINSKY, ALEXANDER	STRUCTURES OF CATALYTIC DOMAINS OF BLOOD PROTEINS
1R01 GM39821-01A2	WAGNER, PETER J	ORTHO PHOTOCYCLOADDITION OF ALKENES TO TRIPLET BENZENES
1R01 CA39456-01A2	WALKER, BRUCE E	TRANSPLACENTAL CARCINOGENESIS AND DIET
INSTITUTION TOTAL	9	889,918
CITY TOTAL	9	889,918
STATE TOTAL	41	5,186,398
MINNESOTA EDEN PRAIRIE		
1R43 AR39268-01A2	CLAPPER, DAVID L	PREPARATION OF AFFINITY DERIVATIVES OF IP3
1R43 HL42731-01	CLAPPER, DAVID L	HIRUDIN IMMobilIZATION TO PRODUCE ANTITHROMBIC SURFACES
1R43 AI28125-01	DUNKIRK, SHAWN G	IMMobilIZATION OF ANTIMICROBIAL PEPTIDES
INSTITUTION TOTAL	3	150,000
CITY TOTAL	3	150,000
MANKATO STATE UNIVERSITY SYSTEM OF MINNESOTA--MANKATO STATE UNIVERSITY		
1R15 ES05109-01	MERCURIO, STEVEN D	MECHANISMS FOR ALTERING PARAQUAT TOXICITY
INSTITUTION TOTAL	1	86,400
CITY TOTAL	1	86,400
MINNEAPOLIS MEDIUM WELL DONE		
1R43 AG08613-01	DEVIN, JUDITH C	BEHAVIOR MANAGEMENT OF ALZHEIMER'S FOR CAREGIVERS
INSTITUTION TOTAL	1	37,955
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1R13 NS26875-01 ANDERSON, V ELVING		
		GENETICS AND EPILEPSY
		42,573

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

GRANT NUMBER		TITLE OF RESEARCH PROPOSAL		
MINNESOTA	MINNEAPOLIS	UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL		
1R01	GM42722-01	BARANY, GEORGE	IMPROVED HANDLES FOR SOLID-PHASE PEPTIDE SYNTHESIS	148,339
1S10	RR04774-01	AMINO ACID PEPTIDE ANALYZER	115,000	
1S10	RR04654-01	NUCLEAR MAGNETIC RESONANCE SPECTROMETER	342,000	
1S15	AI29060-01	SMALL INSTRUMENTATION PROGRAM	79,315	
1R01	GM41571-01A1	RETROVIRUS REGULATION IN VITRO AND DURING DEVELOPMENT	139,527	
1R01	GM42557-01	MOLECULAR ANALYSIS OF FLOWERING GENES OF PHARBITIS NIL	119,047	
1S10	RR05273-01	SQUID SUSCEPTOMETER FOR METALLOPROTEIN STUDIES	134,000	
1S10	RR04964-01	102,000		
1R29	AI27440-01A1	BIOLOGICAL CHARACTERIZATION OF HSV INVASIVENESS GENES	86,723	
1R01	AI28365-01	EFFECTS OF CYCLOSPORINE A ON T CELL DEVELOPMENT	182,117	
1S15	HL43941-01	SMALL INSTRUMENTATION PROGRAM	39,207	
1R35	CA49721-01	OUTSTANDING INVESTIGATOR AWARD	287,284	
1R29	HD26175-01	DEVELOPMENT OF ADULT-SPECIFIC BEHAVIOR IN MANDUCA SEXTA	74,160	
1P41	GM41263-01	Q & S BAND MICROWAVE BRIDGES FOR METALLOPROTEIN STUDIES	84,076	
1R29	AR40001-01	MOLECULAR BIOLOGY OF DOPACHROME OXIDOREDUCTASE	89,936	
1S10	RR04708-01	INTELLIGENT MASS STORAGE SUBSYSTEM	148,000	
1S15	HL43955-01	SMALL INSTRUMENTATION PROGRAM	10,233	
1R29	GM42921-01	MULTIVARIATE SURVIVAL CURVE ANALYSIS	53,613	
1R01	CA49450-01	ACUTE NONLYMPHOBLASTIC LEUKEMIA IN CHILDREN	322,093	
1S15	GM43502-01	SMALL INSTRUMENTATION PROGRAM	13,288	
1S15	GM43393-01	SMALL INSTRUMENTATION PROGRAM	50,613	
1P30	HD24051-01A1	CENTER FOR RESEARCH ON DEVELOPMENTAL DISABILITIES	399,506	
1S15	CA51272-01	SMALL INSTRUMENTATION PROGRAM	9,767	
INSTITUTION TOTAL		24	3,072,417	
CITY TOTAL		25	3,110,372	
MOORHEAD	STATE UNIVERSITY SYSTEM OF MINNESOTA--MOORHEAD	STATE UNIVERSITY	MIXTURES OF RED BLOOD CELL VOLUME DISTRIBUTIONS	93,968
1R15	HL42681-01	CHRISTINE E		
INSTITUTION TOTAL		1	93,968	
CITY TOTAL		1	93,968	
ROCHESTER	MAYO FOUNDATION	AN, KAI-NAN	EXPERTVISION AUTOMATED MOTION ANALYSIS SYSTEM	150,000
	1S10 RR04658-01	FITZPATRICK, LORRAINE A	REGULATION OF PARATHYROID CELL SECRETION	169,159
	1R01 DK42572-01	SARR, MICHAEL G	ENTERIC PHYSIOLOGY AND FUNCTION OF THE TRANSPLANTED GUT	179,524
	1R01 DK39337-01A1	SOMMER, STEVE S	DELINEATION OF CAUSATIVE MUTATIONS IN HEMOPHILIA B	134,091
INSTITUTION TOTAL		4	632,774	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL
CITY TOTAL	4	632,774
STATE TOTAL	34	4,073,514

MISSISSIPPI JACKSON UNIVERSITY OF MISSISSIPPI MEDICAL CENTER 1R01 HL42402-01	ADAIR, THOMAS H	MICROCIRCULATORY ADAPTATIONS AND THEIR CONTROL.
INSTITUTION TOTAL	1	129,234
CITY TOTAL	1	129,234

UNIVERSITY OF MISSISSIPPI 1R01 AI27094-01A1 1R01 CA49578-01 1S15 CA51314-01 1R15 HL44381-01	CLARK, ALICE M FRATE, DENNIS A GRAVES, DAVID E PETERSON, JOHN R	NEW DRUGS FOR OPPORTUNISTIC INFECTIOUS DISEASES INSTITUTIONALIZING DIETARY CHANGES FOR CANCER PREVENTION SMALL INSTRUMENTATION PROGRAM NOVEL ANTAGONISTS OF PLATELET ACTIVATING FACTOR
INSTITUTION TOTAL	4	469,392
CITY TOTAL	4	469,392
STATE TOTAL	5	598,626

MISSOURI COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA 1S15 EY08454-01 1S15 HL43935-01 1R01 AG08214-01 1R01 GM40565-01A1 1R01 A128540-01 1R01 HD25414-01 1R15 DE09033-01 1R01 GM41478-01A1	GOLDBERG, HERBERT S KAHRS, ROBERT F KAUSSLER, DONALD H MCINTOSH, MARK A MULLEN, HELEN B PETERSON-HOMER, LIZETTE REDDY, CHADA S SMITH, GEORGE P	SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM AGING AND RETRIEVAL PROCESSES IN ACTIVITY/ACTION MEMORY MOLECULAR ANALYSIS OF FERRIC ENTEROBACTIN TRANSPORT MECHANISM OF T CELL ACTIVATION BY TYPE 2 ANTIGENS PROCESS ANALYSIS OF CHILDREN'S INJURY AND NEAR INJURY MECHANISM OF CLEFT-PALETOGENESIS BY SECALONIC ACID D FILAMENTOUS FUSION PHAGE
INSTITUTION TOTAL	8	823,009
CITY TOTAL	8	823,009

ROLLA BREWER SCIENCE, INC. 1R43 AR39781-01	FLAIM, TONY D	NEW HIGH STRENGTH HYDROGEL MATERIALS
INSTITUTION TOTAL	1	45,330

45,330

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RESEARCH GRANTSDOLLARS
AWARDEDPRINCIPAL INVESTIGATOR
CITY TOTAL

1 45,330

MISSOURI

SAINT LOUIS JEWISH HOSPITAL OF ST. LOUIS

1P01 CA49712-01 DEUEL, THOMAS F
1S15 AR40206-01 MECHAM, ROBERT P
1R01 HL41926-01A1 MECHAM, ROBERT P

INSTITUTION TOTAL

3 1,444,924

ST. LOUIS UNIVERSITY

1R01 CA49540-01 CARLIN, CATHLEEN R
1R13 AG08428-01 COE, RODNEY M
1R29 HD25024-01 DEVASKAR, SHERIN U
1R29 GM41409-01A1 WALLIS, JOHN W JR

INSTITUTION TOTAL

4 412,474

WASHINGTON UNIVERSITY

1S15 GM43439-01 ACKERMAN, JOSEPH J
1R01 A128716-01 ALLEN, PAUL M
1S10 RR04929-01 BIER, DENNIS M
1R01 A128317-01 BRACALE, THOMAS J
1R01 HL42427-01 CARNEY, ROBERT M
1R01 HL43418-01 DEAN, DOUGLAS C
1S10 RR04755-01 ELGIN, SARAH C
1S10 RR04723-01 HART, WILLIAM M, JR
1R01 CA50239-01 KORSMEYER, STANLEY J
1R01 DE09100-01 KRUROWSKI, MARILYN
1S10 RR04919-01 MATHEWS, F. SCOTT
1R01 A128356-01 MOHANAKUMAR, THALACHALLOUR
1S15 AR40214-01 OSDOBY, PHILIP A
1R01 AG08377-01 RAICHLÉ, MARCUS E
1S10 RR04865-01 RAICHLÉ, MARCUS E
1R01 GM42972-01 THOMAS, LEWIS J, JR
1S10 RR04693-01 TURK, JOHN W

INSTITUTION TOTAL

17

3,061,904
4,919,302

CITY TOTAL

24

5,787,641

STATE TOTAL

33

TITLE OF RESEARCH PROPOSAL

GENE REGULATION IN NORMAL AND TRANSFORMED CELLS
SMALL INSTRUMENTATION PROGRAM
CHARACTERIZATION OF THE ELASTIN/LAMININ RECEPTOR
EGF RECEPTOR DOWN-REGULATION BY ADENOVIRUS
CARE OF THE AGED: APPLICATION OF HEALTH SERVICES RESEARCH
DEVELOPMENTAL REGULATION OF NEURON INSULIN-LIKE PEPTIDE
GENETICS OF RECOMBINATION BETWEEN REPEATED ELEMENTS37,651
174,466
270,000
182,419
252,643
146,602
170,000
169,000
138,746
158,901
165,000
162,228
155,208
203,719
360,000
264,321
201,000

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MONTANA BOZEMAN 1S15 GM43383-01 1R01 CA46330-01A1	SYSTEM--MONTANA STATE UNIVERSITY DRATZ, EDWARD A WEINERT, CLARANN	SMALL INSTRUMENTATION PROGRAM HOME CARE OF RURAL CANCER PATIENTS IN MONTANA	14,657 228,581
INSTITUTION TOTAL CITY TOTAL	2	243,238 243,238	
MISSOULA CHROMATOCHEM, INC. 1R43 AI28122-01	THOMPSON, HOLLY A	HIGH PERFORMANCE IMMUNOAFFINITY CHROMATOGRAPHY SUPPORTS	50,000
INSTITUTION TOTAL	1	50,000	
MONTANA UNIVERSITY 1S15 AI29065-01 1R13 GM42220-01	SYSTEM--UNIVERSITY OF MONTANA GRANATH, WILLARD O, JR HILL, WALTER E	SMALL INSTRUMENTATION PROGRAM INTERNATIONAL CONFERENCE ON RIBOSOMES	5,000 3,000
INSTITUTION TOTAL CITY TOTAL	3	8,000 58,000	
STATE TOTAL	5	301,238	
NEBRASKA LINCOLN 1S15 GM43411-01	UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA AT LINCOLN GUPTA, NABA K	AT LINCOLN SMALL INSTRUMENTATION PROGRAM	14,179
INSTITUTION TOTAL CITY TOTAL	1 1	14,179 14,179	
OMAHA CREIGHTON UNIVERSITY 1R03 DE09190-01 1S15 CA51252-01	AGRAWAL, DEVENDRA K DOWD, FRANK J	EFFECT OF PLATELET-ACTIVATING FACTOR ON OSTEOCLASTS SMALL INSTRUMENTATION PROGRAM	21,000 12,493
INSTITUTION TOTAL	2	33,493	
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA 1S10 RR04739-01 1S15 CA51278-01	MEDICAL CENTER BRESNICK, EDWARD NAGEL, DONALD L	APPLIED BIOSYSTEMS PROTEIN SEQUENCER & PTH ANALYZER SMALL INSTRUMENTATION PROGRAM	175,000 20,595

NIH
RESEARCH GRANTS

GRANT NUMBER

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

NEBRASKA
OMAHA
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER
1R15 AI28012-01 VENNERSTROM, JONATHAN L
1S15 CA51258-01 WALDMAN, ROBERT H
INSTITUTION TOTAL 4 321,749
CITY TOTAL 6 355,242

PERU
PERU STATE COLLEGE
1R15 AI28044-01 PAPPAS, CAROL D
INSTITUTION TOTAL 1 31,376
CITY TOTAL 1 31,376
STATE TOTAL 8 400,797

NEVADA
RENO
UNIVERSITY OF NEVADA SYSTEM--UNIVERSITY OF NEVADA RENO
1P01 DK41315-01 SANDERS, KENTON M
1R25 CA48062-01A1 ST JEOR, SACHIKO T
1S15 HL43986-01 ST JEOR, SACHIKO T
INSTITUTION TOTAL 3 1,165,692
CITY TOTAL 3 1,165,692
STATE TOTAL 3 1,165,692

NEW HAMPSHIRE
DURHAM
UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE
1R15 AI28698-01 GRIMES, DARRELL J
1R15 AI27930-01 PISTOLE, THOMAS G
INSTITUTION TOTAL 2 213,358
CITY TOTAL 2 213,358

HANOVER
DARTMOUTH COLLEGE
1S15 CA51260-01 MCCOLLUM, ROBERT W
SMALL INSTRUMENTATION PROGRAM
66,556

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW HAMPSHIRE HANOVER DARTMOUTH COLLEGE 1S15 CA51338-01	PIPES, P BRUCE	SMALL INSTRUMENTATION PROGRAM	10,397
INSTITUTION TOTAL CITY TOTAL	2	76,953	
STATE TOTAL	4	76,953	
		290,311	
NEW JERSEY MORRIS PLAINS NEW LIFE HEALTH PRODUCTS CORPORATION 1R43 HL42738-01	FEY, MICHAEL S	CLINICAL EVALUATION OF AN OTC SMOKING DETERRENT LOZENGE	49,997
INSTITUTION TOTAL CITY TOTAL	1	49,997	
		49,997	
NEW BRUNSWICK RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK 1R01 HD25739-01 1R01 ES04738-01A1 1S15 CA51339-01 1S15 GM43386-01 1R13 ES05199-01 1R29 CA49826-01	HUDSON, JUDITH A LASKIN, DEBRA L PRESTON, BRADLEY D RUDCZYNSKI, ANDREW B SNYDER, ROBERT WEYAND, ERIC H	PLANNING IN THE PRESCHOOL YEARS ACTIVATED MACROPHAGES AND OZONE TOXICITY SMALL INSTRUMENTATION PROGRAM FOURTH INTERNATIONAL SYMPOSIUM ON BIOLOGICAL, REACTIVE INITIATION OF MAMMARY CARCINOGENESIS IN THE RAT	77,707 181,911 6,090 43,775 10,000 94,646
INSTITUTION TOTAL CITY TOTAL	6	414,129	
		414,129	
NEWARK CENTER FOR MOLECULAR MEDICINE AND IMMUNOLOGY 1S15 CA51256-01	GOLD, DAVID V	SMALL INSTRUMENTATION PROGRAM	14,672
INSTITUTION TOTAL	1	14,672	
RUTGERS THE STATE UNIVERSITY NEWARK 1R15 NR02177-01	MAHON, NOREEN E	CAUSES AND CONSEQUENCES OF LONELINESS DURING ADOLESCENCE	114,780
INSTITUTION TOTAL	1	114,780	
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY 1S15 CA51290-01	HIRSCHBERG, ERICH	SMALL INSTRUMENTATION PROGRAM	48,239

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY NEWARK UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY 1S10 RR05009-01 1R01 AI26652-01A1	LEIBOWITZ, MICHAEL J MODAK, MUKUND J	AUTOMATED DNA SEQUENCER STRUCTURE-FUNCTION RELATION IN HIV REVERSE TRANSCRIPTION	111,000 196,418
INSTITUTION TOTAL CITY TOTAL	3 5	355,657 485,109	
PARAMUS NEUROGENETIC CORPORATION 1R43 NS27797-01	HARTIG, PAUL R	ASSAY SYSTEM FOR CLONED GI-COUPLED RECEPTORS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
PISCATAWAY UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL 1R29 CA50777-01 1S15 GM43389-01	DOUGHERTY, JOSEPH P MORRIS, NILS R	DETERMINATION OF RETROVIRUS MUTATION RATES SMALL INSTRUMENTATION PROGRAM	94,189 51,426
INSTITUTION TOTAL CITY TOTAL	2 2	145,615 145,615	
PRINCETON PRINCETON UNIVERSITY 1R01 GM42936-01 1S15 GM43440-01 1R01 CA47767-01A1 1S10 RR04732-01	FRESCO, JACQUES R FRESCO, JACQUES R ROTHMAN, JAMES E SPIRO, THOMAS G	SEQUENCE-SPECIFIC TRIPLE-STRANDED NUCLEIC ACID HELICES SMALL INSTRUMENTATION PROGRAM RAS ONCOGENE-RELATED PROTEINS AND SECRETION PURCHASE OF FTIR SPECTROMETER	200,245 59,902 191,253 178,000
INSTITUTION TOTAL CITY TOTAL	4 4	629,400 629,400	
SOUTH PLAINFIELD HERCON LABORATORIES CORPORATION 1R43 HD22654-01	HOCHSTADT, JOY	IMPROVED CONTRACEPTIVE DRUG DELIVERY SYSTEM	47,830
INSTITUTION TOTAL CITY TOTAL	1 1	47,830 47,830	

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RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY TEANECK FAIRLIGHT DICKINSON UNIVERSITY TEANECK 1R15 DE08957-01	SHAW, MARJORIE D	PREGNATAL ETHANOL EFFECTS ON CRANIOFACIAL DEVELOPMENT	125,194
INSTITUTION TOTAL CITY TOTAL	1 1		125,194
STATE TOTAL	21		1,947,274
NEW MEXICO ALBUQUERQUE LOVELACE MEDICAL FOUNDATION 1R01 ES05180-01	LEY, RONALD D	LIFE-SHORTENING EFFECTS OF ENVIRONMENTAL UV EXPOSURE	117,052
INSTITUTION TOTAL	1		117,052
UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1R01 HL43153-01 1R01 HL43529-01	SAMET, JONATHAN M WEISSMAN, DAVID N	IDIOPATHIC PULMONARY FIBROSIS: A CASE CONTROL STUDY ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	141,302 80,300
INSTITUTION TOTAL CITY TOTAL	2 3		221,602 338,654
LOS ALAMOS UNIVERSITY OF CALIFORNIA-LOS ALAMOS NATIONAL LABORATORY 1R01 CA50519-01	CHEN, DAVID J	MOLECULAR CLONING OF A HUMAN RADIATION REPAIR GENE	201,417
INSTITUTION TOTAL CITY TOTAL	1 1		201,417 201,417
STATE TOTAL	4		540,071
NEW YORK ALBANY NEW YORK STATE COUNCIL FOR MENTAL HYGIENE PLANNING 1R01 AI27217-01A1	SCHULLER-LEVIS, GEORGIA B	IMMUNOLIGIC CONSEQUENCES OF TAURINE DEFICIENCY	77,813
INSTITUTION TOTAL	1		77,813
NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH CENTER FOR LABORATORIES AND RESEARCH 1R01 ES05203-01	CARPENTER, DAVID O	MECHANISMS OF LEAD NEUROTOXICITY	127,460

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK ALBANY NEW YORK STATE DEPARTMENT OF HEALTH--WADSWORTH CENTER FOR LABORATORIES AND RESEARCH 1S15 GM43443-01 DIAS, JAMES A			31,076
INSTITUTION TOTAL	2	158,536	
STATE UNIVERSITY OF NEW YORK AT ALBANY 1S15 AG08791-01 GULLAHORN, JEANNE E 1R13 GM42754-01 KARLIN, KENNETH D 1R13 GM42865-01 SARMA, RAMASWAMY H 1R01 AG08644-01 SPITZÉ, GLENNA D		SMALL INSTRUMENTATION PROGRAM FOURTH INTERNATIONAL CONF. ON BIOINORGANIC CHEMISTRY SIXTH CONVERSATION--BIOMOLECULAR STEREODYNAMICS FAMILY STRUCTURE AND INTERGENERATIONAL RELATIONS	34,818 4,000 2,000 98,082
INSTITUTION TOTAL	4	138,900	
UNION COLLEGE AND UNIVERSITY--ALBANY MEDICAL COLLEGE OF UNION UNIV 1R29 ES05223-01 ASCHNER, MICHAEL		MN TRANSPORT ACROSS THE BLOOD-BRAIN BARRIER	114,457
INSTITUTION TOTAL	1	114,457	
CITY TOTAL	8	489,706	
BUFFALO MEDICAL FOUNDATION OF BUFFALO, INC. 1R01 DK41387-01 SMITH, G DAVID		ALPHA-HELIX PROMOTION IN INSULIN HEXAMERS	141,654
INSTITUTION TOTAL	1	141,654	
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE 1S10 RR04824-01 ASCH, BONNIE B 1R01 CA47860-01A1 BHATTACHARYA-CHATTERJEE, MAL 1S15 CA51259-01 CHAPMAN, VERNE M		CONFOCAL FLUORESCENCE IMAGING SYSTEM IDIOTYPE APPROACH TO THERAPY OF HUMAN T CELL LEUKEMIA SMALL INSTRUMENTATION PROGRAM	154,000 117,453 175,360
INSTITUTION TOTAL	3	346,813	
STATE UNIVERSITY OF NEW YORK AT BUFFALO 1S15 HL43926-01 BROWN, GAIL P 1S10 RR04744-01 DOYLE, DARRELL J 1S15 GM43382-01 FUNG, HO-LEUNG 1S10 RR04702-01 OHKI, SHINPEI 1S15 GM43435-01 RENNIE, DONALD W		SMALL INSTRUMENTATION PROGRAM HIGH PERFORMANCE SYSTEM FOR THE ANALYSIS OF AMINO ACIDS SMALL INSTRUMENTATION PROGRAM FLUORESCENCE LIFETIME/PHASE MODULATED SPECTROMETER SMALL INSTRUMENTATION PROGRAM	4,967 110,000 10,828 96,000 19,396
INSTITUTION TOTAL	5	241,191	
CITY TOTAL	9	729,658	

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

GRANT NUMBER		TITLE OF RESEARCH PROPOSAL		
NEW YORK	COLD SPRING HARBOR	LABORATORY		
1R01	GM42699-01	KRAINER, ADRIAN R		
1R01	GM42816-01	KURET, JEFFREY A		
1S15	GM43449-01	ROBERTS, RICHARD J		
INSTITUTION TOTAL	3	399,829		
CITY TOTAL		399,829		
COOPERSTOWN	MARY IMogene BASSETT HOSPITAL AND CLINICS			
1S15	CA51305-01	BOWERS, WILLIAM E		
INSTITUTION TOTAL	1	5,000		
CITY TOTAL		5,000		
ELMSFORD	MARROW-TECH INC.			
1R43	AR40121-01	NAUGHTON, GAIL K		
INSTITUTION TOTAL	1	38,730		
CITY TOTAL		38,730		
HEMPSTEAD	HOFSTRA UNIVERSITY			
1R01	GM42563-01	PUMO, DOROTHY E		
INSTITUTION TOTAL	1	116,244		
CITY TOTAL		116,244		
ITHACA	CORNELL UNIVERSITY	ITHACA		
1S15	GM43457-01	BARKER, ROBERT M		
1R01	GM40498-01A1	BEGLEY, TADHG P		
1S10	RR04804-01	HESS, GEORGE P		
1R01	DK41383-01	HOUPP, THOMAS R		
1S15	AR40211-01	PHEISTER, ROBERT D		
1R01	DK37301-01A3	WATFORD, MALCOLM		
1R29	GM42893-01	WINANS, STEPHEN C		
INSTITUTION TOTAL	7	612,298		
CITY TOTAL		612,298		

BIOCHEMISTRY OF PRE-MRNA SPLICING
STRUCTURE & BIOLOGICAL FUNCTION OF YEAST CASEIN KINASE 1
SMALL INSTRUMENTATION PROGRAM

PHYSIOLOGICAL METHOD FOR THE GROWTH OF TISSUE IN VITRO

SMALL INSTRUMENTATION PROGRAM

GENE REARRANGEMENTS IN MAMMALIAN MTDNA

SMALL INSTRUMENTATION PROGRAM
MECHANISTIC STUDIES ON DNA PHOTOLYSIS
CELL-FLOW/LASER PHOTOLYSIS
CONTROLS OF ANTICIPATORY MEAL-RELATED WATER DRINKING
SMALL INSTRUMENTATION PROGRAM
HEPATIC GLUTAMINASE
INTERACTIONS BETWEEN AGROBACTERIUM AND HOST PLANTS

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK LAKE PLACID 1S15 CA51263-01	W. ALTON JONES CELL SCIENCE CENTER SATO, GORDON H	SMALL INSTRUMENTATION PROGRAM	13,430
INSTITUTION TOTAL CITY TOTAL	1 1	13,430 13,430	
MANHASSET NORTH SHORE UNIVERSITY HOSPITAL 1S15 CA51341-01	RATTAZZI, MARIO C	SMALL INSTRUMENTATION PROGRAM	13,908
INSTITUTION TOTAL	1	13,908	
ONCOGENE SCIENCE, INC. 1R43 CA49338-01	REYNOLDS, FREDERICK H	ANTIBODIES TO ACTIVATED MUTANT RAS ONCOGENE PROTEINS	50,000
INSTITUTION TOTAL CITY TOTAL	1 2	50,000 63,908	
NEW HYDE PARK LONG ISLAND JEWISH MEDICAL CENTER 1R29 DK38917-01A2	GORMAY, KENNETH C	ALLOXAN RESISTANCE & ISLET REGENERATION	73,504
INSTITUTION TOTAL CITY TOTAL	1 1	73,504 73,504	
NEW YORK AMERICAN HEALTH FOUNDATION 1S15 CA51361-01	WYNDER, ERNST L	SMALL INSTRUMENTATION PROGRAM	43,717
INSTITUTION TOTAL	1	43,717	
CITY UNIVERSITY OF NEW YORK--CITY COLLEGE OF NEW YORK 1S15 EY08429-01 1R01 HD24676-01A1	LEVINE, LOUIS SLADDE, ARIETTA	SMALL INSTRUMENTATION PROGRAM INFANTS AND THEIR MOTHERS: PATHWAYS TO SECURE ATTACHMENT	15,660 116,914
INSTITUTION TOTAL	2	132,574	
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE 1S15 CA51293-01	DIEM, MAX	SMALL INSTRUMENTATION PROGRAM	21,528
INSTITUTION TOTAL	1	21,528	

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL			
GRANT NUMBER	PRINCIPAL INVESTIGATOR	DOLLARS AWARDED	
NEW YORK			
NEW YORK UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
1R01 A127471-01 1R01 DK40605-01A1 1R01 HL43583-01 1R01 HD24618-01A1 1R01 HL43302-01 1R01 ES05046-01 1S10 RR04733-01	CHARLES DELISI, ANDREA DUNAIF, DONALD S KOHTZ, MARCUS MICHELE TAUBMAN, MARK B WETMUR, JAMES WILK, SHERWIN	COMPUTER ASSISTED APPROACHES TO VACCINE & DRUG DESIGN INSULIN ACTION IN THE POLYCYSTIC OVARY SYNDROME MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM EARLY PREGNANCY LOSS AMONG FEMALE OFFICE WORKERS GROWTH-RELATED GENES IN VASCULAR SMOOTH MUSCLE LEAD TOXICITY AND THE ALA-DEHYDRATASE POLYMORPHISM PEPTIDE SYNTHESIZER	311,221 210,910 86,885 523,720 169,614 189,044 116,000
INSTITUTION TOTAL	7	1,607,394	
CITY UNIVERSITY OF NEW YORK--QUEENS COLLEGE			
1S15 CA51283-01	JEANNE SZALAY,	SMALL INSTRUMENTATION PROGRAM	
INSTITUTION TOTAL	1	7,994	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK			
1S15 CA51355-01 1P01 A126497-01 1R01 GM42628-01 1S15 GM43503-01 1S10 RR04979-01 1R01 CA50329-01 1R01 AR40032-01 1R01 HD25335-01 1S15 CA51332-01 1R01 HL43528-01	BENDIXEN, HENRIK H DECKELBAUM, RICHARD J DRICKAMER, KURT FORMICOLA, ALLAN J MAXFIELD, FREDERICK R PRYWEES, RON M RATCLIFFE, ANTHONY ROBERTSON, ELIZABETH J ROSENFIELD, ALLAN WEINBERGER, OFRA	SMALL INSTRUMENTATION PROGRAM GIARDIASIS & CRYPTOSPORIDIOSIS IN CHILDREN MOLECULAR MECHANISMS OF COMPLEX CARBOHYDRATE RECOGNITION SMALL INSTRUMENTATION PROGRAM OPTICAL MICROSCOPY & IMAGE ANALYSIS FACILITY TRANSCRIPTIONAL REGULATION OF C-FOS TURNOVER OF CARTILAGE FROM ANIMAL MODELS OF OA & DISUSE GENERATION OF DEVELOPMENTAL MUTANTS IN MICE SMALL INSTRUMENTATION PROGRAM ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	88,232 273,609 178,326 25,100 400,000 268,184 135,915 244,969 311,702 188,715
INSTITUTION TOTAL	10	1,834,752	
CORNELL UNIVERSITY MEDICAL CENTER			
1S10 RR04718-01 1R01 HL42493-01 1R01 DK40961-01A1 1R01 GM42482-01 1R01 HL44137-01 1R01 HL42540-01 1S15 HL43972-01 1R01 GM42461-01	DONALD A FISCHMAN, KATHERINE A HAJJAR, KATHERINE A HALMI, WILLIAM K HOLLOWAN, WILLIAM K KUMAR, ASHOK SILVERSTEIN, ROY L SISKIND, GREGORY W STAIANO-COICO, LISA	CONFOCAL MICROSCOPE FACILITY ASSEMBLY OF THE FIBRINOLYTIC SYSTEM ON ENDOTHELIAL CELLS COGNITIVE RESPONSES TO MEALS IN EATING DISORDERS REC1 GENE CONTROLLING RECOMBINATION IN USTILAGO ROLE OF RENIN-ANGIOTENSIN SYSTEM IN HYPERTENSION MOLECULAR AND CELL BIOLOGY OF A THROMBOSPONDIN RECEPTOR SMALL INSTRUMENTATION PROGRAM CULTURED EPIDERMAL MACROPHAGES FOR BURN PATIENTS	149,000 253,974 118,801 203,738 97,703 170,346 80,126 203,778
INSTITUTION TOTAL	8	1,277,466	
ENZO BIOCHEM, INC.			
1R43 A128155-01	CHRISTINE L BRAKEL,	ANTISENSE INDUCTION OF DISEASE RESISTANCE	
INSTITUTION TOTAL	1	49,029	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK HOSPITAL FOR SPECIAL SURGERY 1R01 AR40191-01 1R01 AG08562-01 1S15 CA51313-01	RIMNAC, CLARE M WILLIAMS, PAMELA WRIGHT, TIMOTHY M	DEGRADATION IN POLYETHYLENE JOINT COMPONENTS TRIAL OF EPIDURAL VERSUS GENERAL ANESTHESIA SMALL INSTRUMENTATION PROGRAM	136,644 100,185 13,430
INSTITUTION TOTAL	3	250,259	
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES 1R01 CA49784-01 1S15 CA51367-01	KELSEN, DAVID P LARSON, STEVEN M	PAIN ASSESSMENT IN PATIENTS WITH PANCREAS CANCER SMALL INSTRUMENTATION PROGRAM	71,029 37,000
INSTITUTION TOTAL	2	108,029	
MEMORIAL SLOAN-KETTERING CANCER CENTER--SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH 1P01 CA47997-01A1 1R01 CA49096-01A1 1R01 A128771-01 1R24 RR05254-01 1S15 CA51308-01 1R01 GM42498-01	BERTINO, JOSEPH R DUPOINT, BO GILBOA, ELLI MYERS, DAVID D RIFKIND, RICHARD A SHUMAN, STEWART H	REGIONAL CHEMOTHERAPY OF LIVER METASTASIS--COLON CANCER SERINE ESTERASES IN HUMAN CYTOLYTIC LYMPHOCYTES ANTISENSE RNA INHIBITION OF HIV VIA RETROVIRAL VECTORS DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES SMALL INSTRUMENTATION PROGRAM VACCINIA VIRUS mRNA TRANSCRIPTION TERMINATION	546,254 267,077 229,731 273,773 78,550 207,124
INSTITUTION TOTAL	6	1,602,509	
MONTEFIORE MEDICAL CENTER 1R01 CA47512-01A1	HERZ, FRITZ	SELECTED MARKERS IN NONINVASIVE BLADDER TUMORS	194,201
INSTITUTION TOTAL	1	194,201	
NEW YORK ACADEMY OF SCIENCES 1R13 DK42261-01 1R13 HD25525-01 1R13 AR39839-01 1R13 HL43225-01 1R13 AG08616-01	CHANDRA, RANJIT K CONRAD, GARY W FLEISCHMAIER, RAUL JALIFE, JOSE KRONENBERG, FREDI	CONFERENCE ON "MICRONUTRIENT EFFECTS ON IMMUNE FUNCTION" MECHANISMS OF FURROW FORMATION DURING CELL DIVISION STRUCTURE MOLECULAR BIOLOGY PATHOLOGY OF COLLAGEN MATHEMATICAL APPROACHES TO CARDIAC ARRHYTHMIAS MULTIDISCIPLINARY PERSPECTIVES ON REPRODUCTIVE AGING	15,000 8,378 5,000 18,000 33,722
INSTITUTION TOTAL	5	80,100	
NEW YORK UNIVERSITY 1R01 AI128256-01 1S15 AG08793-01 1R01 CA49507-01 1R01 ES04947-01A1 1S15 CA51311-01	DANCIS, JOSEPH FARBER, SAUL J GOLD, LESLIE I GORDON, TERRY LAYERS, GENE C	PLACENTAL TRANSFER & METABOLISM OF DRUGS FOR AIDS SMALL INSTRUMENTATION PROGRAM DISTRIBUTION AND FUNCTIONAL ASPECTS OF TGF-BETA-3 MECHANISMS OF AIRWAY RESPONSES TO ORGANIC DUSTS SMALL INSTRUMENTATION PROGRAM	100,323 79,851 154,426 152,904 6,811

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RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK NEW YORK NEW YORK UNIVERSITY 1R01 CA49419-01	WILSON, E LYNETTE	THE ROLE OF PLASMINOGEN ACTIVATORS IN MYELOPOIESIS	202,289
INSTITUTION TOTAL 1R43 EY08164-01	6	696,604	
PERMEABLE CONTACT LENSES, INC. WEINTRAUB, LESTER		IMPROVED CONTACT LENSES BY GROUP TRANSFER POLYMERIZATION	50,000
INSTITUTION TOTAL 1S15 GM43453-01	1	50,000	
PUBLIC HEALTH RESEARCH INSTITUTE OF THE CITY OF NEW YORK INC. BECK, DAVID P		SMALL INSTRUMENTATION PROGRAM	29,147
INSTITUTION TOTAL 1S15 CA51312-01	1	29,147	
RIVERSIDE RESEARCH INSTITUTE FELEPPA, ERNEST JOSEPH		SMALL INSTRUMENTATION PROGRAM	9,734
INSTITUTION TOTAL 1R29 CA49472-01	1	9,734	
ROCKEFELLER UNIVERSITY DAILEY, LISA A FRIEDMAN, JEFFREY M MOBBS, CHARLES V NOWACK, MARY P TAM, JAMES P TUOMANEN, ELAINE I VLIASSARA, HELEN		REGULATORY MECHANISMS IN THE GI PHASE OF THE CELL CYCLE MOLECULAR MAPPING OF THE MOUSE GENOME HEAT-SHOCK-LIKE GENE REGULATION BY REPRODUCTIVE HORMONES SMALL INSTRUMENTATION PROGRAM CYSTEINYL-RICH DOMAIN IN BLOOD CLOTTING FACTORS PNEUMOCOCCAL CELL WALL IN MENINGITIS REGULATION OF TISSUE REMODELING IN AGING AND DIABETES	106,202 433,311 120,475 81,873 187,787 239,705 154,763
INSTITUTION TOTAL 1R01 HL41935-01A1	7	1,324,116	
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES VOLSKY, DAVID J		ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	189,128
INSTITUTION TOTAL 1R01 HL43628-01	1	189,128	
STATE UNIVERSITY OF NEW YORK--HEALTH SCIENCE CENTER AT BROOKLYN ANDERSEN, DANIA K NORIN, ALLEN J SIDDQUI, M A Q VOLKERT, FREDRIC C		SURGERY OF THE PANCREAS--EFFECTS ON GLUCOSE METABOLISM CELL SURFACE TARGET OF IL-2 ACTIVATED KILLER CELLS REGULATORY FACTORS IN CARDIAC ADAPTATION TO HEMODYNAMIC CONTROL OF YEAST PLASMID INHERITANCE AND GENE EXPRESSION	198,582 165,700 198,965 129,831
INSTITUTION TOTAL 1R01 GM40614-01A1	4	693,078	

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RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

NEW YORK YEHUDA UNIVERSITY 1R01 HD25416-01 1P01 A126491-01 1R01 DK41544-01 1S10 RR04900-01 1S10 RR04877-01 1S15 CA51262-01 1P30 DK41296-01 1S10 RR04812-01 1R13 DK41327-01 1S10 RR04896-01 1R01 GM42728-01	BIJUR, POLLY E BLOOM, BARRY R CARRASCO, NANCY GUPTA, RAJ K KHAN, SHAHID M PURPURA, DOMINICK P SHAFRITZ, DAVID A SHIELDS, DENNIS SPITZER, ADRIAN SPRAY, DAVID C WILLIS, IAN M	PARENTAL ALCOHOL USE AND CHILDRENS' INJURIES IMMUNOLOGY & VACCINES FOR LEPROSY & LEISHMANIASIS MOLECULAR CHARACTERIZATION OF THE IODIDE CARRIER 9.4 TESLA WIDE BORE MULTI-NUCLEAR NMR SPECTROMETER CRESSINGTON CF50 FREEZE FRACTURE SYSTEM SMALL INSTRUMENTATION PROGRAM LIVER RESEARCH CORE CENTER PROTEIN-PEPTIDE SEQUENCING FACILITY INTERNATIONAL WORKSHOP ON DEVELOPMENTAL RENAL PHYSIOLOGY DIGITAL FLUORESCENCE IMAGING SYSTEM STRUCTURE & FUNCTION OF POL III TRANSCRIPTION FACTORS	142,710 336,165 140,348 400,000 138,000 89,498 750,000 271,000 10,000 112,000 199,001
		INSTITUTION TOTAL CITY TOTAL	11 80
			2,588,722 12,790,081
		PLATTSBURGH STATE UNIVERSITY OF NEW YORK--COLLEGE AT PLATTSBURGH 1R01 AG07794-01A1	SELF CARE-LAY RESPONSE TO ILLNESS
		INSTITUTION TOTAL CITY TOTAL	243,808 243,808
		PURCHASE STATE UNIVERSITY OF NEW YORK--COLLEGE AT PURCHASE 1R15 AG08383-01	NURSING HOME WORKERS & PATIENT CARE: A CASE STUDY
		INSTITUTION TOTAL CITY TOTAL	87,443 87,443
		ROCHESTER PRAXIS BIOLOGICS, INC. 1R43 AI28132-01 1R43 AI28159-01 1R43 AI28158-01	SYNTHETIC GLYCO-CONJUGATE VACCINE AGAINST MENINGOCOCCI RECOMBINANT FLAGELLIN VACCINES RECOMBINANT ROTAVIRUS PROTEINS FOR SUBUNIT VACCINE
		INSTITUTION TOTAL CITY TOTAL	140,012
		ROCHESTER INSTITUTE OF TECHNOLOGY 1R15 EY08094-01	OCULAR PATHOLOGY--RETINAL ENDOTHELIAL CELL PROLIFERATION
		INSTITUTION TOTAL	102,194

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RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK ROCHESTER			
UNIVERSITY OF ROCHESTER 1S10 RR04968-01 1R01 GM41097-01A1 1R01 GM40440-01A1 1S15 AR40212-01 1S15 CA51356-01 1R01 DE08921-01 1R01 ES05177-01 1S15 GM43408-01	BOHN, MARTHA D COSTA-CASNELLE, MARIA R FALANY, CHARLES N LICHTMAN, MARSHALL A MCCOWN, DARLENE E MELVIN, JAMES E SCHIFFER, RANDOLPH B THOMPSON, BRIAN J	PROTEIN DATABASE WORKSTATION THE Na^+ / H^+ EXCHANGER IN HUMAN GRANULOCYTIC CELLS STRUCTURE AND REGULATION OF RAT ARYL SULFOTRANSFERASES SMALL INSTRUMENT GRANT SMALL INSTRUMENTATION PROGRAM PHYSIOLOGY OF MUCUS-SECRETING SALIVARY GLANDS EFFECTS OF ENVIRONMENTAL TRACE METALS SMALL INSTRUMENTATION PROGRAM	202,000 111,979 116,075 74,976 6,565 144,606 80,750 15,000
INSTITUTION TOTAL CITY TOTAL	8 12	751,951 994,157	
SARANAC LAKE TRUDEAU INSTITUTE, INC. 1R01 AI27791-01 1S15 AI29025-01	JOHNSON, LAWRENCE L NORTH, ROBERT J	BASIS OF NATURALLY ACQUIRED IMMUNOLOGICAL TOLERANCE SMALL INSTRUMENTATION PROGRAM	153,046 12,550
INSTITUTION TOTAL CITY TOTAL	2	165,596 165,596	
STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1S15 CA51307-01 1S15 GM43405-01	COHEN, JORDAN J SCHNEIDER, ROBERT F	SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM	66,576 39,952
INSTITUTION TOTAL CITY TOTAL	2	106,528 106,528	
SYRACUSE GLOTTAL ENTERPRISES IR43 NS27401-01	ROTHENBERG, MARTIN	NEW ELECTROGLOTTOGRAPH	50,000
INSTITUTION TOTAL	1	50,000	
STATE UNIVERSITY OF NEW YORK-HEALTH SCIENCE CENTER AT SYRACUSE 1R01 GM42360-01 1R01 DK40456-01A1	LANE, MICHAEL J MESSINA, JOSEPH L	HUMAN RESTRICT MAP DERIVED FROM GENOMIC INSERTION DATA INSULIN'S REGULATION OF THREE HEPATIC MESSENGER RNAs	178,644 119,631
INSTITUTION TOTAL	2	298,275	

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RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

GRANT NUMBER		TITLE OF RESEARCH PROPOSAL		
PRINCIPAL INVESTIGATOR				DOLLARS AWARDED
NEW YORK				
SYRACUSE				
SYRACUSE UNIVERSITY AT SYRACUSE				
1R01 DK40608-01A1	ENNS, CAROLINE A	STRUCTURE - FUNCTION OF THE HUMAN TRANSFERRIN RECEPTOR		144,302
1S15 AG08778-01	HILDEMAE, KAREN M	SMALL INSTRUMENTATION PROGRAM		30,034
1R01 NS24175-01A2	TURNER, CHRISTOPHER W	MODELS OF HEARING LOSS		107,374
INSTITUTION TOTAL	3			
CITY TOTAL	6			
				281,710
				629,985
TROY				
RENSSLAER POLYTECHNIC INSTITUTE		SHARED PHILLIPS CM-12 TRANSMISSION ELECTRON MICROSCOPE		246,000
1S10 RR04704-01	BOYLEN, CHARLES W	SMALL INSTRUMENTATION PROGRAM		13,620
1S15 GM43418-01	DIWAN, JOYCE J			
INSTITUTION TOTAL	2			
CITY TOTAL	2			
				259,620
				259,620
UPTON				
ASSOCIATED UNIVERSITIES--BROOKHAVEN NATIONAL LABORATORY		NEUTRON SCATTERING STUDIES ON CHROMATIN		146,781
1R01 GM42796-01	RAMAKRISHNAN, VENKATRAMAN R	SMALL INSTRUMENTATION PROGRAM		36,329
1S15 CA51363-01	SETLOW, RICHARD B			
INSTITUTION TOTAL	2			
CITY TOTAL	2			
				183,110
				183,110
UTICA				
MASONIC MEDICAL RESEARCH LABORATORY, INC.		SELECTIVE DEPRESSION OF EPICARDIUM BY ISCHEMIA		124,182
1R29 HL43148-01	LUKAS, ANTON			
INSTITUTION TOTAL	1			
CITY TOTAL	1			
				124,182
				124,182
VALHALLA				
NEW YORK MEDICAL COLLEGE		SMALL INSTRUMENTATION PROGRAM		56,524
1S15 HL43977-01	LASKER, LORRAINE			
INSTITUTION TOTAL	1			
CITY TOTAL	1			
				56,524
				56,524

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RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

NEW YORK
VALLEY COTTAGE
LABORATORY FOR CLINICAL INVESTIGATION
1R43 CA49345-01INSTITUTION TOTAL
CITY TOTAL
1
1

GIRIDHAR, GIRI

46,840
46,840INSTITUTION TOTAL
CITY TOTAL
145
1

WEBSTER, KATHY D

82,500
82,500NORTH CAROLINA
BUIES CREEK
CAMPBELL UNIVERSITY
1R15 ES05118-01INSTITUTION TOTAL
CITY TOTAL
1
1

EVALUATION OF DEHP-PLASTICIZER TOXICITY MECHANISMS

82,500

CHAPEL HILL
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL
1R01 HL43174-01 BAUTCH, VICTORIA L
1R01 AG07230-01A1 BLAU, DAVID M
1R13 GM42982-01 HERMAN, BRIAN A
1S10 RR05002-01 HUNT, STEPHEN III
1S15 AI29061-01 IBRAHIM, MICHAEL A
1R01 HL42075-01A1 LUCAS, CAROL L
1R01 DK40247-01A1 LUND, PAULINE K
1R29 GM42501-01 PIELAK, GARY J
1S10 RR04980-01 PILLSBURY, HAROLD C
1R01 HD25482-01 RINDFUSS, RONALD R
1R01 AR39480-01A1 SCHWAB, JOHN H
1R01 HL42320-01 WING, STEVEN B

INSTITUTION TOTAL
CITY TOTAL
12
12

1,457,368
1,457,368

DURHAM
DUKE UNIVERSITY
1R01 HL42660-01 ANDERSON, NORMAN B
1S15 HL44029-01 ANHOLT, ROBERT R
1S10 RR04675-01 ARGON, YAIR
1R01 HL43028-01 BLUMENTHAL, JAMES A

PATTERNS OF CARDIOVASCULAR REACTIVITY IN BLACKS
SMALL INSTRUMENTATION PROGRAM
CONFOCAL FLUORESCENCE SCANNING IMAGING SYSTEM
BEHAVIORAL TREATMENT OF TRANSIENT MYOCARDIAL ISCHEMIA

298,155
90,722
146,000
429,087

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY 1R01 ES04074-01A4 1R13 AG08532-01	BROUWER, MARIUS COHEN, HARVEY J CRAPO, JAMES D	BIOLOGICAL FUNCTION OF COPPER-METALLOTHIONEIN AGS SUMMER WORKSHOP--GERIATRICS CLINICAL RESEARCH METHOD SITES OF OXIDANTS AND ANTIOXIDANTS IN LUNG CELLS	137,235 39,800
1R01 HL42609-01 1R01 HL38245-01A2 1R01 GM43384-01 1R01 HL43339-01 1R01 AR39603-01A1 1R01 HL43256-01	GREENBERG, CHARLES S HOCHMUTH, ROBERT M PIZZO, SALVATORE V SCHACHAT, FREDERICK H THET, LYN A	ROLE OF FACTOR XIII BINDING TO THE HEMOSTATIC PLUG SMALL INSTRUMENTATION PROGRAM LIPOPROTEIN (A) COAGULATION AND FIBRINOLYSIS PHYSIOLOGICAL ADAPTATION AND MUSCLE PROTEIN IN TRANSITIONS MECHANISMS OF REPAIR OF HYPEROXIC LUNG INJURY	201,803 129,894 32,242 109,955 162,068 163,167
INSTITUTION TOTAL 12		1,940,128	
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA 1R15 A128042-01 MAYFIELD, JOHN E		CENTRAL UNIVERSITY CLINICAL SIGNIFICANCE OF AIRBORNE FUNGAL SPORES	95,958
INSTITUTION TOTAL 13		95,958 2,036,086	
GREENSBORO UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT GREENSBORO 1R15 HD25707-01 GUTTENTAG, ROBERT E		SEMANTIC MEMORY EFFECTS ON CHILDREN'S MEMORIZATION	102,821
INSTITUTION TOTAL 1		102,821 102,821	
CITY TOTAL 1			
GREENVILLE UNIVERSITY OF NORTH CAROLINA SYSTEM--EAST CAROLINA UNIVERSITY 1S15 HL43974-01 1R01 AR39299-01A1 HALLOCK, JAMES A KASPEREK, GEORGE J		SMALL INSTRUMENTATION PROGRAM EFFECT OF EXERCISE ON PROTEIN DEGRADATION	14,767 116,612
INSTITUTION TOTAL 2		131,379 131,379	
CITY TOTAL 2			
RALEIGH BARRIER FREE ENVIRONMENTS, INC. 1R43 AG08400-01 MACE, RONALD L		AN ADAPTABLE BATHING FIXTURE FOR ELDERLY DISABLED USERS	48,092
INSTITUTION TOTAL 1		48,092 48,092	
CITY TOTAL 1			

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RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOOLLARS AWARDED
NORTH CAROLINA RESEARCH TRIANGLE PARK RESEARCH TRIANGLE INSTITUTE 1S15 CA51297-01	WALL, MONROE E	SMALL INSTRUMENTATION PROGRAM	15,500
INSTITUTION TOTAL	1		
TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION 1R43 AG08402-01	LORD, CHARLES J	ACCELERATION DOSIMETER FOR PRIMARY FALL DATA RESEARCH	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	2		
50,000			
65,500			
WINSTON-SALEM WAKE FOREST UNIVERSITY 1R15 AR39882-01	MESSIER, STEPHEN P	ETIOLOGIC FACTORS IN SELECTED RUNNING INJURIES	104,355
1S15 EY08433-01	PENRY, KIFFIN J	SMALL INSTRUMENTATION PROGRAM	62,003
1S15 HL44025-01	REJESKI, WALTER J	SMALL INSTRUMENTATION PROGRAM	5,100
INSTITUTION TOTAL	3		
CITY TOTAL	3		
171,458			
171,458			
STATE TOTAL	35		
4,095,204			
OHIO BOWLING GREEN BOWLING GREEN STATE UNIVERSITY AT BOWLING GREEN 1S15 GM43406-01	LEONTIS, NEOCLIS B	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		
CITY TOTAL	1		
5,000			
5,000			
CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER 1R01 AR39979-01	GLASS, DAVID N	PAUCI JRA--HLA GENE DNA	122,535
INSTITUTION TOTAL	1		
122,535			
UNIVERSITY OF CINCINNATI AT CINCINNATI 1R01 AR38719-01A2	BUTLER, DAVID L	BIOCHEMISTRY OF ACL ALLOGRAFTS--STERILIZATION EFFECTS	172,032
1S15 CA51276-01	DHAWAN, ATAM P	SMALL INSTRUMENTATION PROGRAM	12,980
1R01 ES04840-01A1	FOULKES, ERNEST C	REACTIONS OF HEAVY METALS WITH EPITHELIAL CELLS	115,936

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI AT CINCINNATI			
1R01 AR39703-01A1	GROOD, EDWARD S	IN-VIVO KNEE LIGAMENT FORCES	191,248
1S15 HL44032-01	HUTTON, JOHN J	SMALL INSTRUMENTATION PROGRAM	78,410
1R01 DK41402-01	SCHROEDER, FRIEDHELM	FATTY ACID BINDING PROTEINS-LIGAND SPECIFICITY	133,101
1R01 HL43231-01	SCHWARTZ, ARNOLD	CARDIOVASCULAR CA ANTAGONIST RECEPTORS: STRUCTURE-FUNCTI	243,734
INSTITUTION TOTAL	7	947,441	
CITY TOTAL	8	1,069,976	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
1R29 AI27317-01	BLANTON, RONALD EDWARD	GENE REGULATION DURING TRANSFORMATION IN SCHISTOSOMA	88,952
1R01 HL42814-01	BRITTONHAM, GARY M	CHELATION THERAPY OF IRON OVERLOAD WITH PIH	217,719
1R01 AR40004-01	DAVY, DWIGHT T	PATELLAR GEOMETRY & KNEE EXTENSOR MECHANICS	161,854
1P01 HL4 1618-01A1	DOUGLAS, JANICE G	VASOACTIVE HORMONES: RECEPTORS AND SIGNALING MECHANISMS	852,432
1R01 DK4 1684-01	DUNN, MICHAEL J	EICOSANOIDS & PLATELET ACTIVATING FACTOR IN RENAL INJURY	171,000
1R01 CA48763-01	ELMET'S, CRAIG A	SKIN CANCER --IMMUNOTOXIC MECHANISMS	92,807
1R37 AG08155-01	GAMBETTI, PIERLUIGI	MOLECULAR PATHOLOGY OF ALZHEIMER DISEASE	201,214
1R01 HL4 1178-01A1	GRAHAM, LINDA M	ROLE OF ENDOTHELIUM IN GRAFT INTIMAL HYPERPLASIA	198,994
1R37 AG07823-01A1	KAHANA, EVA F	ADAPTATION TO FRAILTY AMONG DISPERSED ELDERLY	173,229
1R01 HL4 2131-01A1	KATZ, DAVID M	REGULATION OF CAROTID BODY AFFECTED DEVELOPMENT	136,650
1R01 AG08887-01	LASEK, RAYMOND J	AGING CHANGES IN NEURONAL FUNCTION AND STRUCTURE	186,852
1R01 CA49384-01	MC COY, GEORGE D	ORAL CANCER: ETIOLOGICAL ROLE OF TOBACCO AND ALCOHOL	108,594
1S10 RR05051-01	OLEINICK, NANCY L	X RAY GENERATOR	160,000
1R01 HL4 3571-01	RICH, ELIZABETH A	ALVEOLAR MACROPHAGES AND DEFENSE OF THE LUNG IN AIDS	192,560
1R01 AG08886-01	ROBBINS, NORMAN	MECHANISMS OF AGING AT THE NEUROMUSCULAR JUNCTION	204,384
1R29 GM4 1385-01A1	SEDENSKY, MARGARET M	MOLECULAR PHARMACOLOGY OF ANESTHETICS IN C ELEGANS	122,825
1R01 HL38193-01A2	SINGER, LYNN T	DEVELOPMENTAL SEQUELAE OF SEVERE CHRONIC LUNG DISORDERS	203,720
INSTITUTION TOTAL	17	3,473,786	
CLEVELAND CLINIC FOUNDATION			
1R01 AI26121-01A1	CATHCART, MARTHA K	IMMUNOSUPPRESSION BY AN INHIBITOR OF INTERLEUKIN 2	139,552
1R01 HL4 1888-01A1	HARASAKI, HIROAKI	PATHOGENESIS AND PREVENTION OF VALVE CALCIFICATION	205,694
1S15 HL43928-01	HEALY, BERNADINE	SMALL INSTRUMENTATION PROGRAM	40,306
1S10 RR04871-01	MISONO, KUNIO	AMINO ACID ANALYSIS/PEPTIDE SYNTHESIS FACILITY	101,000
INSTITUTION TOTAL	4	486,552	
MOUNT SINAI MEDICAL CENTER			
1S15 HL43951-01	LEVY, MATTHEW N	SMALL INSTRUMENTATION PROGRAM	6,410
INSTITUTION TOTAL	1	3,966,410	
CITY TOTAL	22	3,966,748	

NIH
RESEARCH GRANTS

TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	DOLLARS AWARDED
OHIO COLUMBUS OHIO STATE UNIVERSITY 1R01 CA49816-01 1S15 CA51279-01 1R29 AR40015-01 1R01 AI129092-01 1R01 AI126178-01A1 1R01 AG08353-01 1R29 AI128478-01 1R01 CA47828-01A1 1R01 GM42535-01 1S10 RRO4832-01 1R01 AI128362-01 1S15 AI129057-01 1S10 RR04728-01 1R13 AR40035-01 1R01 HL43370-01 1S15 GM43484-01 1R29 HL40871-01A1 1R01 CA50486-01	AU JESSIE L BRÜEGGEMEIER, ROBERT W BURGHEES, ARTHUR M DEAN, DONALD H DENLINGER, DAVID L FOX, ROBERT A HENRY, MITCHELL L IVES, DAVID H KING, MARITA M KLAPPER, MICHAEL H MULLER, MARK T OLSON, LYNNE E PLATZ, MATTHEW S RAIL, JACK A STARLING, RANDALL C SWEENEY, THOMAS L WEWERS, MARK D YATES, ALLAN J	133,025 9,309 90,530 124,721 58,965 90,989 99,340 150,286 83,158 50,000 183,849 7,024 100,000 4,000 138,214 43,277 108,401 165,586
INSTITUTION TOTAL CITY TOTAL	18 18	1,640,674 1,640,674
KENT KENT STATE UNIVERSITY AT KENT 1R29 HD25958-01 1R01 GM40289-01A1	MERRIMAN, WILLIAM E WALZ, FRÉDERICK G, JR	MUTUAL EXCLUSIVITY BIAS IN CHILDREN'S WORD LEARNING POLYMORPHISM & GENETIC LINKAGE OF RAT CYTOCHROMES P-450
INSTITUTION TOTAL CITY TOTAL	2 2	246,811 246,811
LAKWOOD EVENING STAR PRODUCTIONS OF OHIO 1R43 AG08605-01	STERNIS, RONNI S	VIDEO PROGRAMMING AND FORMATS TO ENHANCE OLDER ADULT FUN
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000
INSTITION TOTAL CITY TOTAL	1 1	50,000 50,000
OXFORD MIAMI UNIVERSITY OXFORD 1R15 NS27260-01	WILSON, DAVID F	PRESYNAPTIC REGULATION OF NEUROTRANSMITTER RELEASE
INSTITION TOTAL	1	99,947

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

CITY TOTAL 1 99,947

OHIO
TOLEDO
MEDICAL COLLEGE OF OHIO AT TOLEDO
1S15 AI29019-01 STANDAERT, FRANK G
1R29 HL43034-01 WANG, SUE M

INSTITUTION TOTAL 2

UNIVERSITY OF TOLEDO
1S15 CA51292-01 FUNK, MAX O

INSTITUTION TOTAL 1
CITY TOTAL 3

STATE TOTAL 56
INSTITUTION TOTAL 5
CITY TOTAL 2

5,000

SMALL INSTRUMENTATION PROGRAM
REGULATION OF RENIN GENE EXPRESSION IN DAHL RATS

22,959
98,812
16,238
197,539

OKLAHOMA
NORMAN
UNIVERSITY OF OKLAHOMA NORMAN
1S15 GM43413-01 DRYHURST, GLENN
1R01 GM41878-01 ROE, BRUCE A

INSTITUTION TOTAL 2

CITY TOTAL 2

5,000

SMALL INSTRUMENTATION PROGRAM
AUTOMATED METHODS FOR SEQUENCING THE HUMAN C-ABL GENE

OKLAHOMA CITY
OKLAHOMA MEDICAL RESEARCH FOUNDATION
1R01 HL44225-01 MORRISSEY, JAMES H
1R01 AI26928-01A1 SUNG, SUN-SANG J
1R29 AI27181-01A1 TARGOFF, IRA N
1S15 HL43943-01 THURMAN, WILLIAM G

INSTITUTION TOTAL 4

CITY TOTAL 4

5,000

UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER
1S15 HL43978-01 KNISELY, WILLIAM H

INSTITUTION TOTAL 5
CITY TOTAL 5

SMALL INSTRUMENTATION PROGRAM
33,578
394,688

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OKLAHOMA STILLWATER OKLAHOMA STATE UNIVERSITY STILLWATER 1S15 A129015-01	LESSLEY, BRUCE A	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	1		5,000
TULSA ORAL ROBERTS UNIVERSITY 1S15 A129050-01	EDWARDS, LARRY D	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	1		5,000
STATE TOTAL	9		618,465
OREGON BEAVERTON OREGON GRADUATE CENTER FOR STUDY AND RESEARCH 1S15 GM43438-01	LOEHR, THOMAS M	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1		5,000
CITY TOTAL	1		5,000
EUGENE MOLECULAR PROBES, INC. 1R43 CA49328-01	HAUGLAND, RICHARD P	PHOTOCHEMOTHERAPY: SYNTHESIS OF NOVEL PHOTOSENSITIZERS	50,000
INSTITUTION TOTAL	1		50,000
OREGON RESEARCH INSTITUTE 1S15 CA51318-01	ARY DENNIS V	SMALL INSTRUMENTATION PROGRAM	15,819
1S15 CA51317-01	SUSHAN, MILLARD	SMALL INSTRUMENTATION PROGRAM	81,327
INSTITUTION TOTAL	2		97,146
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1S10 RR04926-01	DAHLQUIST, FREDERICK W	SHARED 500 MHZ NMR SPECTROMETER	400,000
1S10 RR0492-01	KEANA, JOHN F	ELECTRON SPIN RESONANCE SPECTROMETER	119,000
INSTITUTION TOTAL	2		519,000
CITY TOTAL	5		666,146

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON PORTLAND GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER 1R29 AG07933-01	ERICKSON, KENNETH R	EVOKED POTENTIALS EARLY ALZHEIMERS DISEASE DETECTION	90,304
INSTITUTION TOTAL 1		90,304	
MEDICAL RESEARCH FOUNDATION OF OREGON 1S10 RR04742-01	FAHRENBACH, WOLF H	IMAGE ANALYSIS SYSTEM	144,000
INSTITUTION TOTAL 1		144,000	
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY 1R29 DK40935-01A1 1S10 RR04665-01 1R01 AI28572-01 1S15 CA51294-01 1R01 EY07373-01A1	ANDERSON, GREGORY J FABER, J KABAT, DAVID KENDALL, JOHN WALKER, JR ROSENBAUM, JAMES T	DIETARY N-3 FATTY ACIDS: TRANSPORT AND UPTAKE INTO BRAIN GERMANIUM DETECTOR GAMMA SCINTILLATION SPECTROMETER NOVEL VERTEBRATE PROTEIN PRODUCTION--HIV SMALL INSTRUMENTATION PROGRAM GROWTH FACTORS IN PROLIFERATIVE VITREORETINOPATHY	92,016 83,000 124,038 61,198 141,101
INSTITUTION TOTAL 5		501,353	
OREGON STATE HIGHER EDUCATION SYSTEM--PORTLAND STATE UNIVERSITY 1R01 ES05202-01	SMEJTEK, PAVEL K	TOXICITY OF CHLOROPHENOLS IN MITOCHONDRIAL MEMBRANES	199,016
INSTITUTION TOTAL 1		199,016	
PROVIDENCE MEDICAL CENTER 1S15 HL43982-01	HINRICHES, DAVID	SMALL INSTRUMENTATION PROGRAM	5,063
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	1 9 15	5,063 939,736 1,610,882	
PENNSYLVANIA DANVILLE GEISINGER FOUNDATION 1S15 HL43938-01	MORGAN, HOWARD E	SMALL INSTRUMENTATION PROGRAM	6,937
INSTITUTION TOTAL CITY TOTAL	1 1	6,937 6,937	
HERSHEY PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER 1S10 RR04811-01	BILLINGSLEY, MELVIN L	TWO DIMENSIONAL IMAGE ANALYZER	72,000

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA HERSHEY PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER	DWORKIN, BARRY R EVARTS, C MCCOLLISTER LYDIC, RALPH SCADUTO, RUSSELL C, JR VARY, THOMAS C ZWILICH, CLIFFORD W	CONTROL OF VASCULAR TONE BY CONTINGENTS CNS STIMULATION SMALL INSTRUMENTATION PROGRAM CHOLINERGIC MECHANISMS OF BREATHING DURING SLEEP MECHANISMS OF CELLULAR INJURY IN RENAL ISCHEMIA REGULATION OF PROTEIN TURNOVER IN SEPSIS SLEEP INFLUENCE ON THE PHARYNX AND VENTILATORY CONTROL	87,463 68,052 138,242 87,881 164,782 115,923
INSTITUTION TOTAL CITY TOTAL	7	734,343 734,343	
PHILADELPHIA DREXEL UNIVERSITY 1S10 RR04673-01	FERRONE, FRANK A	GRAPHICS & COMPUTATION FACILITY	197,000
INSTITUTION TOTAL	1	197,000	
FOX CHASE CANCER CENTER 1S15 CA51264-01 1R01 CA50633-01	COMIS, ROBERT L WEINER, LOUIS M	SMALL INSTRUMENTATION PROGRAM BISPECIFIC ANTI-TUMOR/FCYR III MONOCLONAL ANTIBODIES	32,279 153,975
INSTITUTION TOTAL	2	186,254	
GRADUATE HOSPITAL 1S15 HL43987-01	COX, ROBERT H	SMALL INSTRUMENTATION PROGRAM	14,965
INSTITUTION TOTAL	1	14,965	
HAHNEMANN UNIVERSITY 1R22 AI28398-01	VAIDYA, AKHIL B	ORGANELLE GENOMES OF MALARIAL PARASITES	177,792
INSTITUTION TOTAL	1	177,792	
INSTITUTE FOR CANCER RESEARCH 1R01 GM43840-01 1S15 CA51358-01 1R01 GM42364-01	BRILLIANT, MURRAY H SKALKA, ANNA M TARTOF, KENNETH D	GENETIC AND MOLECULAR ANALYSES OF MOUSE MUTATIONS SMALL INSTRUMENTATION PROGRAM GENOMIC MAPPING	182,413 42,014 109,713
INSTITUTION TOTAL	3	334,140	
LANKENAU HOSPITAL--LANKENAU MEDICAL RESEARCH CENTER 1S15 AR40213-01	REICHARD, GEORGE A, JR	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL	1	5,000	

NIH
RESEARCH GRANTS

GRANT NUMBER

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL		
PENNSYLVANIA PHILADELPHIA MEDICAL COLLEGE OF PENNSYLVANIA 1S10 RR04916-01 1R01 HL41874-01A1	MICHAEL E SIGEL, BERNARD	MOTION ANALYSIS SYSTEM ULTRASONIC TISSUE CHARACTERIZATION OF VASCULAR THROMBI 165,000 276,128
INSTITUTION TOTAL 1R01 GM42495-01	2	441,128
MONELL CHEMICAL SENSES CENTER 1S15 EY08456-01	RESTREPO, DIEGO DISTEFANO, ANTHONY F	PH REGULATORY EXCHANGE KINETICS IN HL60 CELLS 89,633
INSTITUTION TOTAL 1S15 CA51284-01	1	89,633
PENNSYLVANIA COLLEGE OF OPTOMETRY 1S15 EY08447-01	SEDLACEK, THOMAS V GALLOP, PAUL H	SMALL INSTRUMENTATION PROGRAM 5,000
INSTITUTION TOTAL 1S15 EY08447-01	1	5,000
PENNSYLVANIA HOSPITAL 1S15 EY08447-01	SEDLACEK, THOMAS V GALLOP, PAUL H	SMALL INSTRUMENTATION PROGRAM 7,557
INSTITUTION TOTAL 1S15 EY08447-01	1	7,557
PRESBYTERIAN-UNIVERSITY OF PENNSYLVANIA 1S15 EY08447-01	MEDICAL CENTER GALLOP, PAUL H	SMALL INSTRUMENTATION PROGRAM 71,767
INSTITUTION TOTAL 1S15 EY08447-01	1	71,767
TEMPLE UNIVERSITY 1R01 GM42383-01 1R01 AI28715-01 1R01 DE08942-01 1R01 AI28761-01 1S15 GM43482-01 1R01 HL43410-01 1R29 DK41089-01	BASEGNA, RENATO L BLANK, KENNETH J DANEO-MOORE, LOLITA HENDERSON, EARL E HILLMAN, RALPH MULLIGAN, EILEEN M SOPRANO, DIANNE R	THE BIOLOGY OF CELL CYCLE MUTANTS GENETIC BASIS FOR PERSISTENT MULY INFECTION CHROMOSOME ORGANIZATION IN ORAL STREPTOCOCCI INHIBITION OF HIV REPLICATION BY DHEA AND ITS ANALOGS SMALL INSTRUMENTATION PROGRAM CAROTID BODY CELLULAR CA AND PH RESPONSES BIOCHEMICAL MECHANISM OF ACTION OF VITAMIN A 115,975 151,538 144,838 172,748 9,656 178,220 90,482
INSTITUTION TOTAL 1R01 HL43564-01 1R15 AI27967-01 1S15 GM43481-01	7	863,457
THOMAS JEFFERSON UNIVERSITY 1R01 HL43564-01 1R15 AI27967-01 1S15 GM43481-01	BASHEY, REZA I BUE.SCHER, GEORGANNE KRETSCHM GONNELLIA, JOSEPH S	MOLECULAR AND CELLULAR BIOLOGY OF CARDIAC INTERSTITIUM BORDERLINE OXACILIN-RESISTANT STAPHYLOCOCCUS AUREUS. SMALL INSTRUMENTATION PROGRAM 188,115 106,722 64,992
INSTITUTION TOTAL 1S15 GM43481-01	3	359,829

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

PENNSYLVANIA PHILADELPHIA UNIVERSITY CITY SCIENCE CENTER 1S15 AR40207-01 1R01 GM38781-01A2	NICHOLAS A OHNISHI, S TSUYOSHI	SMALL INSTRUMENTATION PROGRAM NON-INVASIVE DIAGNOSIS FOR MALIGNANT HYPERTHERMIA	22,881 101,943
INSTITUTION TOTAL	2	124,824	
UNIVERSITY OF PENNSYLVANIA			
1R01 GM42415-01 1R01 CA49866-01 1R01 NR02078-01 1R01 HD25147-01 1S15 HL44024-01 1R01 HL43002-01 1R01 AG08148-01 1R01 GM42471-01 1S10 RR04882-01 1R01 CA49498-01 1R01 HL43413-01 1R29 HL44188-01 1R29 HL41169-01A1 1R01 NR02093-01A1 1S10 RR05008-01 1R01 NR02095-01 1R01 EY08206-01 1R01 HL38680-01A2 1R01 AI28724-01 1S15 AR40204-01 1R29 AR39489-01A1 1S10 RR04672-01 1R29 ES05211-01	MICHAEL L BOETTIGER, DAVID E BUHLER-WILKERSON, KAREN A COOKE, NANCY E COOPERMAN, BARRY S DANIELLE, RONALD P DOTY, RICHARD L ECKER, JOSEPH R KLEIN, MICHAEL L KOCH, CAMERON J LAHIRI, SUKHAMAY LIANG, BRUCE T MANAKER, SCOTT MEDOFF-COOPER, BARBARA S MURRAY, JOHN M NAYLOR, MARY D PUGH, EDWARD N, JR QUINN, JOHN A ROOS, DAVID S ROSENBLUM, JOEL ROSTAMI, ABDOLMOHAMMAD SHENKER, BRUCE J THOM, STEPHEN R	DEVELOPMENTAL CONTROL OF IMMUNOGLOBULIN TRANSCRIPTION ROLE OF INTEGRIN IN VIRAL TRANSFORMATION SICK AT HOME - PUBLIC POLICY AND PERSONAL CONSEQUENCES SOMATOGENIC AND LACTOGENIC HORMONES OF THE PLACENTA MICROBIOLOGICAL/BIOCHEMICAL EQUIPMENT: QUANTONIX LASER PULMONARY DEFENSES: ROLE OF LUNG MACROPHAGE MOTILITY EARLY DIAGNOSIS OF ALZHEIMER'S DISEASE & PARKINSONISM DEVELOPMENT OF LARGE DNA METHODS FOR ARABIDOPSIS MINI-SUPER COMPUTER MECHANISMS OF CELLULAR AND MOLECULAR RADIOSensitivity O2 SENSING AND CELL BIOLOGY IN THE CAROTID BODY AI ADENOSINE RECEPTOR IN CULTURED HEART CELLS NEUROCHEMICAL INTEGRATION OF RESPIRATION IN THE NTS NEONATAL SUCKING AS A CLINICAL ASSESSMENT TOOL SYSTEM FOR QUANTITATIVE 3D CONFOCAL LIGHT MICROSCOPY COMPREHENSIVE DISCHARGE PLANNING FOR THE ELDERLY POLARIZATION CONTRAST: A NEW KIND OF VERTEBRATE VISION PHYSIOLOGIC MECHANISMS OF PERMEATION THROUGH HUMAN SKIN FOLATE METABOLISM AND DRUG RESISTANCE IN TOXOPLASMA SMALL INSTRUMENTATION PROGRAM IMMUNOPATHOGENESIS OF EXPERIMENTAL ALLERGIC MYOSITIS FACSTAR-PLUS FLOW CYTOMETER CO POSITIONING IN THE CONTEXT OF A REPERFUSION INJURY	166,236 201,074 104,919 187,825 158,915 175,362 285,816 174,327 400,000 254,454 155,770 73,209 106,261 153,320 198,000 294,705 111,832 78,563 136,762 27,504 108,270 283,000 115,500
INSTITUTION TOTAL	23	3,851,624	
WILLS EYE HOSPITAL	DONOSO, LARRY A	SMALL INSTRUMENTATION PROGRAM	5,000
1S15 EY08442-01			
INSTITUTION TOTAL	1	5,000	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
1R01 AI27435-01 1R01 CA47159-01A1 1R01 CA43856-01A3 1S15 CA51285-01	ERTL, HILDEGUND HERLYN, MEENHARD KRITCHEVSKY, DAVID ROOSA, ROBERT A	ANTI-IDIOTYPIC ANTIBODIES TO T CELLS AS VACCINES METASTATIS: BIOLOGICAL PHENOTYPE AND MODELS FOR THERAPY CALORIC RESTRICTION IN TUMOR PROMOTION: MECHANISMS SMALL INSTRUMENTATION PROGRAM	164,172 190,949 152,067 69,060

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1R24 RR05263-01	MARY E ROOSA, ROBERT A	DEVELOPING & IMPROVING INSTITUTIONAL ANIMAL RESOURCES	364,500
INSTITUTION TOTAL CITY TOTAL	5 56	940,748 7,675,718	
PITTSBURGH CARNEGIE-MELLON UNIVERSITY 1R01 LM04949-01 1R01 GM42680-01	LINDEMANN, WHITTAKER, JAMES W	MEDICINE, HEALTH AND HEALING IN GERMANY ACTIVE SITE SPECTRAL STUDIES ON MANGANESE METALLOENZYMES	28,844 133,895
INSTITUTION TOTAL	2	162,739	
UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1R01 AGC8010-01A1 1S15 HL43981-01 1R29 AG08568-01 1R01 HD23705-01A2 1S10 RR04970-01 1R01 HD25676-01 1R13 NS27714-01 1S15 GM43454-01 1R01 AG08371-01 1R01 CA50849-01 1R01 CA49708-01 1R01 GM41936-01 1R01 CA51657-01	BURGIO, KATHRYN L DUNCAN, EDGAR N FRANCIS, JOSEPH GOLDSTEIN, HOWARD KHAN, SALEEM A LANCE-JONES, CYNTHIA LUND, RAYMOND D PEEBLES, CRAIG L PETTEGRÉW, JAY W RAGNI, MARGARET V VLOCK, DANIEL R WANG, BI-CHENG YALOWICH, JACK C	BEHAVIORAL VS. DRUG INTERVENTION--URINARY INCONTINENCE SMALL INSTRUMENTATION PROGRAM OUTCOMES OF DELIRIUM IN HOSPITALIZED ELDERLY PROMOTING COMMUNICATION IN THE DEVELOPMENTALLY DISABLED DNA SEQUENCER MOTONEURON AXON GUIDANCE IN THE EMBRYONIC LIMB CENTRAL NERVOUS SYSTEMS TRANSPLANTATION SMALL INSTRUMENTATION PROGRAM IN VIVO METABOLISM IN ALZHEIMER'S DISEASE STUDY OF HIV-ASSOCIATED MALIGNANCY IN HEMOPHILIACS SEROLOGIC STUDIES OF SQUAMOUS CELL CARCINOMA STRUCTURE-FUNCTION RELATIONSHIPS OF RNA POLYMERASES MECHANISMS AND MODULATION OF ETOPOSIDE--VP-16 RESISTANCE	171,257 37,012 83,604 136,726 102,000 124,141 17,500 42,163 246,400 426,983 135,408 181,979 120,829
INSTITUTION TOTAL CITY TOTAL	13 15	1,826,002 1,988,741	
UNIVERSITY PARK PENNSYLVANIA STATE UNIVERSITY AT UNIVERSITY PARK 1R03 DE09153-01 1R01 GM41489-01A1 1S10 RR04953-01 1R29 GM42472-01 1S15 HL43944-01 1R01 AG08082-01A1	GAY, CAROL V MASIAK, PRZEMYSLAW MATTHEWS, CHARLES R SCHAFFER, STEPHEN W TARBELL, JOHN M WILLIS, SHERRY L	ISOLATION OF PRE-OSTEOCLASTS NEAR DIFFUSION-LIMITED REACTIONS CIRCULAR DICHROISM SPECTROMETER SYSTEM MOLECULAR POPULATION GENETICS OF ADH IN DROSOPHILA SMALL INSTRUMENTATION PROGRAM PRACTICAL INTELLIGENCE AND MENTAL ABILITIES IN OLD AGE	20,060 84,245 112,000 91,459 50,668 165,736
INSTITUTION TOTAL CITY TOTAL	6 6	524,168 524,168	

GRANT NUMBER

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

PENNSYLVANIA
VILLANOVA
VILLANOVA UNIVERSITY STEPHENS, PHILIP J 110,773
1R15 NS27254-01
INSTITUTION TOTAL 1 110,773
CITY TOTAL 1 110,773

WEST CONSHOHOCKEN
TELEFACTOR CORPORATION BRYAN, JAMES S 50,000
1R43 NS27783-01
INSTITUTION TOTAL 1 50,000
CITY TOTAL 1 50,000
STATE TOTAL 87 11,090,680

INTERGRATED WORK-STATION FOR EEG + RADIOGRAPHIC IMAGES 50,000

RHODE ISLAND
KINGSTON
GORDON RESEARCH CONFERENCES 4,000
1R13 DK41722-01 ARNOTT, HOWARD J
1R13 GM43048-01 BEACHY, ROGER N
1R13 DE08912-01 CHOW, LAURENCE C
1R13 HL43197-01 DAVIDSON, JEFFREY M
1R13 AR39834-01 DE GROMBRUGGE, BENOIT
1R13 DK41231-01 DENNIS, EDWARD A
1R13 AI28442-01 EISENSTEIN, BARRY I
1R13 HL42904-01 FOGEILMAN, ALAN M
1R13 DK41609-01 LINGRELL, JERRY B
1R13 GM42631-01 MC CLURE, WILLIAM R
1R13 GM42568-01 MCCLAY, DAVID R, JR
1R13 GM42814-01 NEER, EVA J
1R13 GM43062-01 PLEDGER, WARREN J
1R13 DE08990-01 SHAPIRO, IRVING M
1R13 GM42914-01 TAYLOR, PALMER
1R13 GM42742-01 TRUMPOWER, BERNARD L
INSTITUTION TOTAL 16 99,400

ROLE OF POTASSIUM IN ANOMALOUS MOTOR NEURON FIRING 110,773

GORDON CONFERENCE ON CALCIUM OXALATE
PLANT MOLECULAR BIOLOGY GORDON CONFERENCES 2,000
GORDON RESEARCH CONFERENCE ON CALCIUM PHOSPHATES -- 1989 7,000
1989 GORDON RESEARCH CONFERENCE ON ELASTIN 13,100
GORDON CONFERENCE STRUCTURAL MACROMOLECULES -- COLLAGEN 8,000
1989 LIPID METABOLISM GORDON RESEARCH CONFERENCE 2,000
GORDON CONFERENCE ON MICROBIAL ADHESION MECHANISMS 3,500
GORDON RESEARCH CONFERENCE ON ATHEROSCLEROSIS 1989 10,000
14,900
1989 GORDON RESEARCH CONFERENCE ON NUCLEIC ACIDS 2,000
CONFERENCE ON CELL CONTACT AND ADHESION 5,000
CONFERENCES ON 2ND MESSENGERS & PROTEIN PHOSPHORYLATION 3,000
MOLECULAR AND GENETIC BASIS FOR CELL PROLIFERATION 5,000
BONES AND TEETH -- 1989 12,000
MOLECULAR PHARMACOLOGY 15,900
GORDON RESEARCH CONFERENCES: BIOENERGETICS 2,000

UNIVERSITY OF RHODE ISLAND
1R13 GM42543-01 KLOBUTCHER, LAWRENCE A
1R13 GM42687-01 KUSTU, SYDNEY G
1R13 GM42479-01 SCHRÄM, VERN L
MOLECULAR BIOLOGY OF CILIATED PROTOZOA 2,000
BIOLOGICAL REGULATORY - 1989 3,000
1989 GORDON CONFERENCE--ENZYMES COENZYMES & METABOLISM 4,000

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
RHODE ISLAND KINGSTON UNIVERSITY OF RHODE ISLAND 1R01CA49992-01	SHIMIZU, YUZURU	ANTITUMOR, ANTIVIRAL AGENTS IN MICROALGAE	196,067
INSTITUTION TOTAL CITY TOTAL	4 20	205,067 304,467	
PAWTUCKET MEMORIAL HOSPITAL 1R01HL39811-01A2	MCCOOL, FRANKLIN D	INSPIRATORY PUMP: PRESSURE-FLOW-VOLUME PERFORMANCE	94,000
INSTITUTION TOTAL CITY TOTAL	1 1	94,000 94,000	
PROVIDENCE BROWN UNIVERSITY 1S15CA51362-01 1S10RR04735-01	GALLETTI, PIERRE M SUGGS, JOHN W	SMALL INSTRUMENTATION PROGRAM MOLECULAR MODELLING NETWORK	43,028 81,000
INSTITUTION TOTAL	2	124,028	
MIRIAM HOSPITAL 1R01AR39998-01	VANDENBURGH, HERMAN H		128,778
INSTITUTION TOTAL	1	128,778	
RHODE ISLAND HOSPITAL 1R01GM42859-01	ALBITNA, JORGE E	ARGININE REGULATION OF CELL FUNCTION IN HEALING WOUNDS	123,303
INSTITUTION TOTAL	1	123,303	
ROGER WILLIAMS GENERAL HOSPITAL 1R01AGO8226-01 1S15CA51274-01	ABERNETHY, DARRELL R CALABRESI, PAUL	CALCIUM ANTAGONISTS AGING AND HYPERTENSION SMALL INSTRUMENTATION PROGRAM	202,409 9,480
INSTITUTION TOTAL CITY TOTAL	2 6	211,889 587,998	
STATE TOTAL	27	986,465	
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA 1S15EY08437-01	MARGOLIUS, HARRY S	SMALL INSTRUMENTATION PROGRAM	42,865

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA 1R01 CA50244-01 1R01 HL42077-01A1 1S15 AR40215-01	PHARR, PAMELA P WEBB, JERRY G YOUNG, FRANKLIN A	RETROVIRAL INFECTION OF HEMOPOIETIC STEM CELLS BETA RECEPTORS & VASCULAR ARACHIDONIC ACID METABOLISM SMALL INSTRUMENTATION PROGRAM	64,689 123,075 6,969
INSTITUTION TOTAL CITY TOTAL	4 4	239,598 239,598	
CLEMSON CLEMSON UNIVERSITY 1S15 AI29058-01	ZIMMERMAN, JAMES K	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL CITY TOTAL	1 1	5,000 5,000	
COLUMBIA UNIVERSITY OF SOUTH CAROLINA AT COLUMBIA 1R15 NS27200-01 1S15 HL43942-01 1R01 HD25641-01 1R01 AG08522-01	BISHOP, JUDITH H COOPER, RONALD H LIN, TU POWELL, DONALD A	MOTOR PERFORMANCE OF STUTTERERS/NONSTUTTERERS SMALL INSTRUMENTATION PROGRAM MODULATION OF LEYDIG CELL FUNCTION BY INTERLEUKIN-1 ASSOCIATIVE LEARNING AND AGING	100,902 16,845 105,089 55,543
INSTITUTION TOTAL CITY TOTAL	4 4	278,379 278,379	
STATE TOTAL	9	522,977	
SOUTH DAKOTA ABERDEEN U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--PHS 1R01 CA49522-01	WELTY, THOMAS K	INDIAN HEALTH SERVICE CANCER AND CANCER RISK FACTOR AMONG SIOUX INDIANS	140,998
INSTITUTION TOTAL CITY TOTAL	1 1	140,998 140,998	
VERMILLION UNIVERSITY OF SOUTH DAKOTA 1R15 DK41459-01 1R29 HD26640-01	BRADY, FRANK O EYSTER, KATHLEEN M	HORMONAL MODULATION OF HEPATIC METALLOTHIONEIN PROTEIN KINASE C OF THE CORPUS LUTEUM	106,122 82,705

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

GRANT NUMBER		PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH DAKOTA VERMILLION UNIVERSITY OF SOUTH DAKOTA 1S15 HL43966-01		PEANASKY, ROBERT J	SMALL INSTRUMENTATION PROGRAM	5,000
INSTITUTION TOTAL		3	193,827	
CITY TOTAL		3	193,827	
STATE TOTAL		4	334,825	

GRANT NUMBER		PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE JACKSON LANE COLLEGE 1S14 RR04564-01A1		MAHAJAN, SATISH C	MBRS PROGRAM AT LANE COLLEGE	49,816
INSTITUTION TOTAL		1	49,816	
CITY TOTAL		1	49,816	
KNOXVILLE COMPUTER TECHNOLOGY AND IMAGING INC. 1R43 CA49405-01		BINKLEY, DAVID M	A TIMING SYSTEM FOR POSITRON EMISSION TOMOGRAPHY	50,000
INSTITUTION TOTAL		1	50,000	
JCL CLINICAL RESEARCH CORPORATION 1R43 AI28177-01		JORDAN, TOMMYE A	IMMUNODIAGNOSTIC ASSAY FOR INVASIVE CANDIDIASIS	45,788
INSTITUTION TOTAL		1	45,788	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE 1S15 AI29018-01 1R01 HL43375-01		BECK, RAYMOND W POPP, RAYMOND A	SMALL INSTRUMENTATION PROGRAM MOUSE MUTANT HEMOGLOBINS THAT ALLOW HBS TO SICKLE	14,303 154,685
INSTITUTION TOTAL		2	168,988	
CITY TOTAL		2	264,776	
MEMPHIS ST. JUDE CHILDREN'S RESEARCH HOSPITAL 1R01 CA47941-01A1 1R01 CA49529-01 1S15 CA51304-01		BECK, WILLIAM T GOREN, MARSHALL P SIMONE, JOSEPH V	ALTERED TOPOISOMERASE IN ATYPICAL MULTIDRUG RESISTANCE CHLOROACETALDEHYDE AND IFOSFAMIDE TOXICITY SMALL INSTRUMENTATION PROGRAM	138,531 118,540 44,106
INSTITUTION TOTAL		3	301,177	

NTH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE MEMPHIS STATE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF TENNESSEE--MEMPHIS STATE UNIVERSITY 1R15 HL42523-01 1S15 GM43409-01	GARTNER, THEODORE K WILLIAMS, RICHARD V	RGDS AND LGGAKOAGDV BINDING SITES ON GPIIB/IIIA SMALL INSTRUMENTATION PROGRAM	99,890 5,558
INSTITUTION TOTAL	2	105,448	
UNIVERSITY OF TENNESSEE AT MEMPHIS 1S15 CA51310-01 1R29 HL42875-01 1R01 AI28520-01 1R01 DK42421-01 1S15 AI29014-01	DABBous, MUSTAFA K MIRRO, ROBERT RYAN, JAMES P SELA'WRY, HELENA P SUMMITT, ROBERT L	SMALL INSTRUMENTATION PROGRAM PRESSURE VENTILATION AND NEONATAL CEREBRAL HEMODYNAMICS GENETIC ANALYSIS OF HERPESVIRUS GLYCOPROTEINS ISLET TRANSPLANTATION SMALL INSTRUMENTATION PROGRAM	5,000 91,554 130,147 99,864 58,500
INSTITUTION TOTAL CITY TOTAL	5 10	385,065 791,690	
NASHVILLE MEHARRY MEDICAL COLLEGE 1R13 AI28534-01 1S15 AI29054-01	HILL, GEORGE C HILL, GEORGE C	SIXTH ANNUAL TROPICAL DISEASES SYMPOSIUM SMALL INSTRUMENTATION PROGRAM	4,000 9,199
INSTITUTION TOTAL	2	13,199	
VANDERBILT UNIVERSITY 1S10 RR04727-01 1R29 DK41376-01 1P01 AI26505-01 1R01 GM41269-01A1 1R01 GM40919-01A1 1R01 AR39682-01A1	ANDERSON, WAYNE FOSTER CAMPBELL, PETER J COLLEY, DANIEL G CORBIN, JACKIE D EXTON, JOHN H STRICKLIN, GEORGE P	X-RAY DIFFRACTION DATA COLLECTION FACILITY ROLE OF LIPOLYSIS IN HUMAN OBESITY AND FASTING SCHISTOSOMIASIS AND CHAGAS DISEASE IN BRAZIL CGMP-BINDING PHOSPHODIESTERASE: REGULATORY MECHANISMS CELL SIGNALLING BY PHOSPHATIDYLCHOLINE BREAKDOWN EXTRACELLULAR MATRIX DEGRADATION IN SKIN	400,000 119,270 286,832 230,773 152,600 124,347
INSTITUTION TOTAL CITY TOTAL	6 8	1,313,822 1,327,021	
OAK RIDGE ATOM SCIENCES INC. 1R43 CA50021-01	THONNARD, NORBERT	SENSITIVE PERSONNEL DOSIMETRY OF 3KEV TO 20MEV NEUTRONS	44,958
INSTITUTION TOTAL	1	44,958	
MARTIN MARIETTA CORPORATION--OAK RIDGE NATIONAL LABORATORY 1R01 HD25323-01	WOYCHIK, RICHARD P	INSERTIONAL MUTAGENESIS IN TRANSGENIC MICE	125,785
INSTITUTION TOTAL	1	125,785	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	2	170,743	
STATE TOTAL	25	2,604,046	
INSTITUTION TOTAL	3	629,480	
CITY TOTAL	3	629,480	
COLLEGE STATION LYNNTech INC. 1R43 DK41581-01	MURPHY, OLIVER J	IMPLANTABLE CONDUCTING POLYMER MICROSENSORS FOR GLUCOSE	50,000
INSTITUTION TOTAL	1		
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM 1S15 AG08779-01	BUSBEE, DAVID L	SMALL INSTRUMENTATION PROGRAM	8,800
INSTITUTION TOTAL	1		
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION 1R01 GM42428-01 1R01 GM39015-01A1 1R29 DK41693-01 1R01 DK41682-01 1S15 AI29066-01 1R01 AG08574-01 1S15 GM43486-01	BALDWIN, THOMAS O CARROLL, RAYMOND J CHAPKIN, ROBERT S HARRIS, EDWARD D IPPEN-IHLER, KARIN A KAY, M M B WILD, JAMES R	MOLECULAR MECHANISM OF REGULATION OF THE LUX REGULON GENERALIZED LINEAR MEASUREMENT ERROR MODELS DIETARY SIGNIFICANCE OF GAMMALINOLENIC ACID ASCORBATE COPPER LINK IN NUTRITION SMALL INSTRUMENTATION PROGRAM CELLULAR & MOLECULAR BIOLOGY OF ALTERED BAND 3 SMALL INSTRUMENTATION PROGRAM	152,988 79,416 95,144 135,268 13,524 68,618 27,672
INSTITUTION TOTAL	7		
CITY TOTAL	9		
DALLAS Baylor College of Dentistry 1R15 DE09010-01	WONG, BRENDAN S	MODULATION OF IONIC CHANNELS IN CULTURED OSTEOBLASTS	97,059
INSTITUTION TOTAL	1		
			97,059

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

TEXAS
DALLAS
INSTITUTE FOR AEROBICS RESEARCH
1R29 AR39715-01A1 GORDON, NEIL F

INSTITUTION TOTAL 1 77,845

SOUTHERN METHODIST UNIVERSITY
1R01 AG08459-01 SOHAL, RAJINDAR S
1S15 A129013-01 SOHAL, RAJINDAR S

INSTITUTION TOTAL 2 159,621

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS
1S15 CA51365-01 COX, RODY P
1S15 HL43934-01 COX, RODY P
1R01 AI28332-01 FORMAN, JAMES M
1R01 AR40056-01 GONYEA, WILLIAM J
1R24 RR05255-01 PAKES, STEVEN P
1R01 CA50195-01 SHAY, JERRY W

INSTITUTION TOTAL 6 922,902
CITY TOTAL 10 1,257,427

DENTON
UNIVERSITY OF NORTH TEXAS
1S15 GM43407-01 SCHAFER, ROLLIE R

INSTITUTION TOTAL 1 5,000
CITY TOTAL 1 5,000

FORT WORTH
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE
1R01 HD25638-01 WORDINGER, ROBERT J

INSTITUTION TOTAL 1 45,169
CITY TOTAL 1 45,169

GALVESTON
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH
1R01 HL42527-01 PALADE, PHILIP T
1R01 AI26896-01A1 TYRING, STEPHEN K

INSTITUTION TOTAL 1 45,169
CITY TOTAL 1 45,169

DOLLARS
AWARDED
77,845

ANTIOXIDANT ENZYMES AND AGING IN TRANSGENIC DROSOPHILA
SMALL INSTRUMENTATION PROGRAM

IN VITRO TRANSFORMATION OF HUMAN MAMMARY EPITHELIAL CELL

CELLULAR MECHANISMS FOR MUSCLE FIBER PROLIFERATION
DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES

IMMUNE REACTIVITY AGAINST ORGAN SPECIFIC MHC MOLECULES

SMALL INSTRUMENTATION PROGRAM

INSTITUTIONAL ANIMAL RESOURCES

CELL BIOLOGY OF INTRUSIVE IMPLANTATION

PHARMACOLOGY OF MUSCLE EXCITATION-CONTRACTION COUPLING
MECHANISMS OF INTERFERON ACTION AGAINST PAPILLOMAVIRUSES

5,000

45,169

154,621
5,000

77,467
79,212
196,529
109,015
283,913
176,766

NIH
RESEARCH GRANTS

GRANT NUMBER

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TEXAS
GALVESTON
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH
1R01 DK37484-01A2 WOLFE, ROBERT R
1S15 CA51288-01 YIELDING, KILEMONE

INSTITUTION TOTAL 4
CITY TOTAL 4

140,314
46,585

HOUSTON
ADVANCED IMAGE MEASUREMENT SYSTEMS
1R43 EY08163-01 BATTEN, GEORGE W, JR

45,000

INSTITUTION TOTAL 1
CITY TOTAL 1

45,000

BAYLOR COLLEGE OF MEDICINE
1R01 CA44383-01A1 BLACK, HOMER S
1R01 HD25326-01 BRADLEY, ALLAN
1S15 AI29067-01 CAMERINO, PAT W
1S10 RR04655-01 CHAN, LAWRENCE C
1R01 DK41780-01 DAVIES, ALBERT O
1R29 HL42883-01 FIKE, CANDICE D
1R01 DK41427-01 HUGHES, MARK R
1R29 DE09079-01 HURWITZ, MARY Y
1R29 GM42957-01 JAECHKE, HARTMUT W
1R01 GM42564-01 OSMANI, STEPHEN A
1R01 GM40892-01A1 PIRROTTA, VINCENZO
1R01 EY08082-01 QAVI, HAMIDA B

INSTITUTION TOTAL 12
CITY TOTAL 12

1,543,314

SKIN CANCER PROPHYLAXIS BY LOW-FAT DIETARY INTERVENTION
INSERTIONAL MUTAGENESIS AND MOUSE DEVELOPMENT
SMALL INSTRUMENTATION PROGRAM
DNA SEQUENCING SYSTEM
HUMAN ADRENERGIC RECEPTOR AND G-PROTEIN REGULATION
MATURATIONAL CHANGES IN THE PULMONARY MICRO CIRCULATION
RECEPTOR MUTANTS IN VITAMIN D RESISTANT RICKETS OF BONE
STUDIES OF CD18 MUTATIONS IN PERIODONTITIS
PHARMACOLOGICAL INTERVENTIONS IN HEPATIC ISCHEMIC INJURY
ROLE OF THE NIM-A GENE IN MITOTIC REGULATION
MICROCLONING OF THE DROSOPHILA GENOME
HIV-1 & HHV-6 IN AIDS ASSOCIATED OCULAR DISORDERS

165,516
203,330

80,469
102,000

117,140
66,851

147,769
97,650

89,503
153,180

187,496
132,410

RICE UNIVERSITY
1R01 GM42604-01 GOMER, RICHARD H
1S15 GM43447-01 MATTHEWS, KATHLEEN S

INSTITUTION TOTAL 2
CITY TOTAL 2

153,750

A EUKARYOTIC TISSUE DENSITY SENSOR
SMALL INSTRUMENTATION PROGRAM

134,129
19,621

TANOX BIOSYSTEMS, INC.
1R43 AI28151-01 KIM, YOUNG W
1R43 AI26443-01A1 LIOU, RUEY-SHYAN

INSTITUTION TOTAL 2
CITY TOTAL 2

90,962

IMMUNOTOXIN THERAPY FOR AIDS
CHIMERIC CD4/IMMUNOGLOBULIN ANTIBODIES FOR AIDS

46,770
44,192

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON
1S15 AR40210-01 BUTLER, WILLIAM T

INSTITUTION TOTAL 2
CITY TOTAL 2

90,962

UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON
1S15 AR40210-01 BUTLER, WILLIAM T

11,346

NIH
RESEARCH GRANTS

PRINCIPAL INVESTIGATOR

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM	CLARK, RICHARD B	SMALL INSTRUMENTATION PROGRAM	22,411
IS15 GM43456-01	DEDMAN, JOHN R	CALCIUM REGULATION OF EPITHELIAL	98,920
IR01 DK41740-01	DUVIC, MADELINE	PATHOGENESIS OF AIDS/HIV ASSOCIATED PSORIASIS	65,404
IR01 AR39915-01	HECHT, JACQUELINE T	DEFINING THE CLEFTING LOCUS	17,550
IR03 DE09189-01	HOLIAN, ANDRIJ	EFFECTS OF SILICA AND ASBESTOS ON MACROPHAGE FUNCTION	190,203
IR01 ES04804-01A2	HOLIAN, ANDRIJ	ROLE OF INTRACELLULAR PH IN MACROPHAGE ACTIVATION	113,231
IR01 HL42030-01A1	WOLINSKY, JERRY S	MOLECULAR IMMUNE RESPONSE DETERMINANTS OF RUBELLA VIRUS	197,308
INSTITUTION TOTAL	8	716,373	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM	BECKER, FREDERICK F	SMALL INSTRUMENTATION PROGRAM	
IS15 CA51271-01	BRICK, WILLIAM A	HUMAN TUMOR CELL RADIOSENSITIVITY VERSUS RADIOCURABILITY	77,833
IR01 CA50192-01	COGHLAN, LEZLEE G	DEVELOPING AND IMPROVING INSTITUTIONAL ANIMAL RESOURCES	156,362
IR24 RR05251-01	FAZIER, MARSHA L	TRANSGENIC ANM MODEL/PANCREATIC DUCT CELL ADENOCARCINOMA	202,950
IR01 CA49667-01	IRIMURA, TATSURO	METASTASIS SPECIFIC CARBOHYDRATE ANTIGENS	154,714
IR01 CA50231-01	ITOH, KYOGO	BIOLOGY OF HUMAN TUMOR INFILTRATING LYMPHOCYTES	138,468
IR01 CA47891-01A1	PEREZ-SOLER, ROMAN	DEVELOPMENT OF NEW LIPOPILIC CISPLATIN ANALOGUES	138,002
IR01 CA45423-01A3	RICHIE, ELLEN R	CHARACTERIZATION OF A MURINE TUMOR SUPPRESSOR GENE MODEL	118,831
IR01 CA50604-01	TOFILON, PHILIP J	DRUG-INDUCED SCES IN HUMAN PRIMARY TUMOR CELL CULTURE	144,084
IR01 CA46798-01A1			117,213
INSTITUTION TOTAL	9	1,248,457	
CITY TOTAL	34	3,797,856	
LUBBOCK			
TEXAS TECH UNIVERSITY	HEALTH SCIENCES CENTER	SMALL INSTRUMENTATION PROGRAM	21,072
IS15 AI29077-01	STOCO, DOUGLAS M		
INSTITUTION TOTAL	1	21,072	
CITY TOTAL		21,072	
RICHARDSON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT DALLAS			
IS15 GM43445-01	CLOWES, ROYSTON C	SMALL INSTRUMENTATION PROGRAM	14,545
IS10 RR05023-01	MOUSHEGIAN, GEORGE	MICRO-VAX II HOST COMPUTER SYSTEM	162,000
INSTITUTION TOTAL	2	176,545	
CITY TOTAL		176,545	

NIH
RESEARCH GRANTS

GRANT NUMBER

PRINCIPAL INVESTIGATOR

DOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL		
TEXAS		
SAN ANTONIO CANCER THERAPY AND RESEARCH CENTER 1S15 CA51282-01	COLTMAN, CHARLES A., JR	10,991
INSTITUTION TOTAL	1	10,991
SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH 1S15 HL43936-01 1R01 GM42805-01	GOODWIN, WILLIAM J MACCLUER, JEAN W	30,638 258,124
INSTITUTION TOTAL	2	288,762
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT SAN ANTONIO 1S15 EY08455-01	WAYNER, MATTHEW J	7,521
INSTITUTION TOTAL	1	7,521
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO 1R01 AR39794-01 1R29 DK40189-01A1 1S15 CA51287-01 1S10 RR05043-01	BAUER, RICHARD L KANALAS, JOHN J MCGUIRE, WILLIAM L NAIL, BARRY T	145,583 87,966 53,324 263,000
1R01 GM42353-01 1R03 DE08896-01 1S15 AR40201-01 1R29 DE08932-01 1R01 DK35039-01A4	NAYLOR, SUSAN L RUGH, JOHN D VAN HEUVEN WICHARD A YEUNG, MARIA K YEUNG, ELEANOR A	179,029 21,454 47,446 80,933 135,522
INSTITUTION TOTAL	9	1,014,257
VIRUS REFERENCE LABORATORY 1R43 AI29317-01	KALTER, SEYMOUR S	48,008
INSTITUTION TOTAL CITY TOTAL	1	48,008 1,369,539
WACO Baylor University 1R01 AR40095-01	BOREDO, JULIAN	164,847 164,847
INSTITUTION TOTAL CITY TOTAL	1	164,847 164,847
STATE TOTAL	80	8,741,295
DEVELOPMENT OF AN HIV DIAGNOSTIC KIT		48,008
ROTATION OF MYOSIN CROSS-BRIDGES IN SKELETAL MUSCLES		164,847

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

UTAH	LOGAN	UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY	ROLE OF IRON IN TOXICITIES AND PATHOLOGIES	101,345
	IR01	ES05056-01	AUST, STEVEN D	
INSTITUTION TOTAL		1		101,345
CITY TOTAL		1		101,345

SALT LAKE CITY	UTAH STATE HIGHER EDUCATION SYSTEM--UTAH STATE UNIVERSITY	ROLE OF IRON IN TOXICITIES AND PATHOLOGIES	101,345
1S15	AG08786-01	AMOS, KINDA K	SMALL INSTRUMENTATION PROGRAM
1R01	HL42357-01	BRIDGE, JOHN H B	MECHANISMS OF DIASTOLIC RELAXATION IN THE HEART
1R01	HD25395-01	CAPECCHI, MARIO R	MOUSE DEVELOPMENTAL MUTANTS DERIVED BY GENE TARGETING
1S15	GM43415-01	GRAY, WILLIAM R	SMALL INSTRUMENTATION PROGRAM
1R01	HL42992-01	LYNCH, ROBERT E	TOXICITY OF O ₂ - AND H ₂ O ₂
1R01	HD25728-01	SANSONE, CAROL	CONTEXT AND THE PLANNING PROCESS ACROSS THE LIFE SPAN
1R01	HL42873-01	SPITZER, KENNETH W	PH REGULATION IN VENTRICULAR CELLS
1S15	CA51315-01	STEVENS, WALTER	SMALL INSTRUMENTATION PROGRAM
1R01	HL43276-01	TACCARDI, BRUNO	THREE-DIMENSIONAL MAPPING OF CARDIAC ELECTRIC FIELDS
1R01	NS26229-01A1	TUCKETT, ROBERT P	SENSITIZATION OF ITCH SIGNALING NEURAL PATHWAYS
1R01	AR40057-01	WARD, R H	GENETIC EPIDEMIOLOGY OF RHEUMATOID ARTHRITIS IN UTAH
INSTITUTION TOTAL	11	1,384,210	
CITY TOTAL	11	1,384,210	
STATE TOTAL	12	1,485,555	

VERMONT	BURLINGTON	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	101,345
1S15	A129045-01	BOND, LYNNE A	SMALL INSTRUMENTATION PROGRAM
1R29	HL40467-01A1	CHURCH, WILLIAM R	DEFINITION OF FUNCTIONAL SITES ON COAGULATION FACTOR X
1R29	HL42880-01	LAHER, ISMAIL	CALCIUM-DEPENDENT STRETCH-INDUCED VASCULAR TONE
1S15	GM43485-01	LUGINBUHL, WILLIAM H	SMALL INSTRUMENTATION PROGRAM
1R01	DK41973-01	MAIR, K SREEKUMAR	IN VIVO REGULATION OF PROTEIN TURNOVER BY HORMONES
1R29	CA50681-01	VAN HOUTEN, BENNETT	REPAIR OF PLATINUM-DNA ADDUCTS IN MAMMALIAN CELLS
INSTITUTION TOTAL	6	591,057	
CITY TOTAL	6	591,057	
ESSEX JUNCTION	HAEMATOLOGIC TECHNOLOGIES, INC.	JENNY, RICHARD	46,139
1R43	AR39601-01A1		
INSTITUTION TOTAL	1	46,139	

ESSEX JUNCTION	HAEMATOLOGIC TECHNOLOGIES, INC.	JENNY, RICHARD	46,139
1R43	AR39601-01A1		
INSTITUTION TOTAL	1	46,139	
IMMUNOASSAY FOR OSTEOCALCIN FRAGMENTS			

**NIH
RESEARCH GRANTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	46,139	
STATE TOTAL	7	637,196	
 VIRGINIA			
ALEXANDRIA RESEARCH DIMENSIONS, INC 1R43 AGO8403-01	MAUST, ANN P	AGE BIAS IN JOB PERFORMANCE	48,280
INSTITUTION TOTAL	1	48,280	
CITY TOTAL	1	48,280	
 BLACKSBURG			
VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY 1S15 CA51286-01	RUTHERFORD, CHARLES L	SMALL INSTRUMENTATION PROGRAM	16,333
INSTITUTION TOTAL	1	16,333	
CITY TOTAL	1	16,333	
 CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1S10 RR04837-01 1P01 AI26512-01 1S15 HL43930-01 1R29 DK40753-01A1 1R01 HD25719-01 1R01 GM42698-01	CAFISO, DAVID S GUERRANT, RICHARD L PEACH, MICHAEL J ROMERO, GUILLERMO G SHUPNIK, MARGARET A YOUNG, WILLIAM W, JR	PURCHASE OF BRUKER ESP-300 EPR SPECTROMETER RECOGNITION & EXPRESSION OF TROPICAL INFECTIOUS DISEASES SMALL INSTRUMENTATION PROGRAM OF INSULIN MEDIATORS STUDIES ON THE GENERATION OF INSULIN MEDIATORS ESTROGEN REGULATION OF THE RAT LH BETA GENE GLYCOSPHINGOLIPID METABOLISM AND TRAFFICKING	222,000 279,666 77,790 94,115 148,699 130,790
INSTITUTION TOTAL	6	953,060	
CITY TOTAL	6	953,060	
 FAIRFAX			
GEORGE MASON UNIVERSITY 1R15 NR02173-01	HARPER, DOREEN C	DEVELOPMENT OF THE OSTEOPOROSIS SELF-CARE SURVEY	92,465
INSTITUTION TOTAL	1	92,465	
CITY TOTAL	1	92,465	
 NORFOLK			
EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS 1R29 DK40982-01A1	LAUTERIO, THOMAS J	OBESITY: ROLE OF NUTRITION, IGF-II AND INSULIN	87,224
INSTITUTION TOTAL	1	87,224	

NIH
RESEARCH GRANTSDOLLARS
AWARDED

TITLE OF RESEARCH PROPOSAL

PRINCIPAL INVESTIGATOR

GRANT NUMBER

CITY TOTAL

1

87,224

VIRGINIA
RADFORD
AMERICAN RESEARCH CORPORATION OF VIRGINIA
1R43 AG08407-01

CHURCHILL, RUSSELL J

INSTITUTION TOTAL

1

50,000

CITY TOTAL

1

50,000

RICHMOND

VIRGINIA COMMONWEALTH UNIVERSITY
1S15 A129064-01 AYRES, STEPHEN M
1S15 A129047-01 MACRINA, FRANCIS L
1S15 GM43412-01 TURNER, JAMES
1S15 A129051-01 WINDRIDGE, GRAHAM C

INSTITUTION TOTAL

4

4

123,070

123,070

STATE TOTAL

15

1,370,432

WASHINGTON

PULLMAN
WASHINGTON STATE UNIVERSITY
1S10 RR04759-01 GRISWOLD, MICHAEL D
1R13 HD25866-01 JOHNSTON, CRAIG A
1R01 AR39643-01 PATE, EDWARD F

INSTITUTION TOTAL

3

166,753

CITY TOTAL

3

166,753

RICHLAND

BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION
1R01 GM42940-01 EDMONDS, CHARLES G

INSTITUTION TOTAL

1

134,347

CITY TOTAL

1

134,347

SEATTLE

BATTELLE MEMORIAL INSTITUTE--BATTELLE SEATTLE RESEARCH CENTER
1R01 HD26631-01 TANFER, KORAY

AND FERTILITY-RELATED BEHAVIOR: A FOLLOW-UP STUDY

766,888

MEMORY ASSIST DEVICE TO IMPROVE PRESCRIPTION COMPLIANCE

50,000

SMALL INSTRUMENTATION PROGRAM
SMALL INSTRUMENTATION PROGRAM
SMALL INSTRUMENTATION PROGRAM
SMALL INSTRUMENTATION PROGRAMPURCHASE OF PEPTIDE SYNTHESIS SYSTEM
BRAIN-GUT PEPTIDES AND REPRODUCTIVE HORMONE SECRETION
ANALYSIS OF CROSS-BRIDGE MECHANICS

80,000

9,000

77,753

134,347

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

INSTITUTION TOTAL 1 766,888

WASHINGTON SEATTLE	FRED HUTCHINSON CANCER RESEARCH CENTER 1S15 CA51254-01 1R01 GM42551-01 1R29 CA48718-01A1 1R29 GM42786-01 1R29 AI285523-01	SMALL INSTRUMENTATION PROGRAM MOLECULAR ANALYSIS OF RNAII TRANSCRIPTION INITIATION CONTROL OF VIRAL REPLICATION CHROMOSOMAL RIBONUCLEOPROTEINS: STRUCTURE AND ASSEMBLY CYTOKINES IN HUMAN GRAFT-VERSUS-HOST DISEASE	71,608 161,999 63,360 100,787 79,552
INSTITUTION TOTAL	5	477,306	
ONCOGEN 1R01 AI28065-01	ZARLING, JOYCE M	IMMUNITY IN HIV IMMUNIZED AND INFECTED PRIMATES & HUMANS	236,670
INSTITUTION TOTAL	1	236,670	
PACIFIC NORTHWEST RESEARCH FOUNDATION 1S15 GM43451-01	BEAN, MICHAEL A	SMALL INSTRUMENTATION PROGRAM	6,624
INSTITUTION TOTAL	1	6,624	
SEATTLE BIOMEDICAL RESEARCH INSTITUTE 1S15 AI29011-01	STUART, KENNETH D	SMALL INSTRUMENTATION PROGRAM	12,128
INSTITUTION TOTAL	1	12,128	
UNIVERSITY OF WASHINGTON 1R01 CA49643-01 1R01 HD25858-01 1R01 HL43397-01 1P01 GM42508-01 1R01 ES05194-01 1R01 AG08102-01A1 1S15 HL43963-01 1S15 GM43442-01 1R01 CA50738-01 1R37 AG08303-01 1R01 AR40089-01 1R01 AR39818-01 1S15 AI29069-01 1S15 AR40209-01 1R01 DK38531-01A2	BERESFORD, SHIRLEY A BERNINGER, VIRGINIA W BOTHWELL, MARK A CLARK, EDWARD A FURLONG, CLEMENT EUGENE GROSSMANN, ANGELIKA HOLBROOK, KAREN A JOHNSON, DALE E KIVIAI, NANCY MARTIN, GEORGE M MOON, RANDALL T OLERUD, JOHN E OMENN, GILBERT S OMNELL, KARL-AKE OSBORNE, WILLIAM R	DIETARY INTERVENTION TRIAL IN PRIMARY CARE PRACTICES COMPONENT PROCESSES IN WRITING DISABILITIES NGF IN LUNG DEVELOPMENT LYMPHOCYTE ACTIVATION HUMAN SERUM PARAOXONASE: ROLE IN PESTICIDE METABOLISM INTRACELLULAR CALCIUM REGULATION IN ALZHEIMER'S DISEASE SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM ANAL DISPLASIA IN HIV POSITIVE & NEGATIVE MEN HOMOZYGOITY MAPPING OF THE WERNER SYNDROME LOCUS INHIBITION OF NONERYTHROID SPECTRIN BY ANTISENSE RNA ULTRASONIC ASSESSMENT OF SURGICAL WOUNDS SMALL INSTRUMENTATION PROGRAM SMALL INSTRUMENTATION PROGRAM PURINE NUCLEOSIDE PHOSPHORYLASE GENE TRANSFER	346,298 41,086 104,701 64,1829 189,286 164,616 89,237 63,795 243,541 200,952 145,941 296,841 25,069 29,800 153,742

NIH
RESEARCH GRANTS

GRANT NUMBER

TITLE OF RESEARCH PROPOSAL

DOLLARS
AWARDED

PRINCIPAL INVESTIGATOR

WASHINGTON
SEATTLE
UNIVERSITY OF WASHINGTON
1P01 DE08555-01A1 PAGE, ROY C
1R01 GM42896-01 REID, BRIAN R
1R29 AR39730-01A1 RESING, KATHERYN A
1R01 HD25404-01 RIVARA, FREDERICK P
1R01 AG08240-01 SULLIVAN, MARK D
1S10 RR04646-01 TRUMAN, JAMES W

INSTITUTION TOTAL	21	4,130,735
CITY TOTAL	30	5,630,351
STATE TOTAL	34	5,931,451

WEST VIRGINIA
MORGANTOWN

WEST VIRGINIA UNIVERSITY
1R01 CA49588-01 SIMON, KENNETH J
1R01 CA46350-01A2 STROBL, JEANNINE S

INSTITUTION TOTAL	2	271,744
CITY TOTAL	2	271,744
STATE TOTAL	2	271,744

WISCONSIN
EAU CLAIRE

UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-EAU CLAIRE
1R15 AI28089-01 HARTSEL, SCOTT C

INSTITUTION TOTAL	1	96,162
CITY TOTAL	1	96,162

MADISON
UNIVERSITY OF WISCONSIN SYSTEM
1R13 HD25962-01 KIMBLE, JUDITH E

INSTITUTION TOTAL	1	1,500
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UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON
1R01 ES05142-01 BITTAR, E EDWARD

INSTITUTION TOTAL	1	74,666
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HUMORAL IMMUNITY AND PERIODONTAL DISEASE
HELICAL RNA, RNA:DNA HYBRIDS AND DNA-RNA JUNCTIONS
PROTEIN PROCESSING IN EPIDERMAL DIFFERENTIATION
BEHAVIOR AND PARENTAL EXPECTATIONS OF CHILD PEDESTRIANS
DISABLING TINNITUS AND DEPRESSION IN THE ELDERLY
CONFOCAL FLUORESCENCE IMAGING SYSTEM

96,162

182,918

88,826

1,500

NIH
RESEARCH GRANTSDOLLARS
AWARDED

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

WISCONSIN MADISON	UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON	CAMERON, JOHN R DE METS, DAVID L DOVE, WILLIAM F ERSHLER, WILLIAM B HAYES, COLLEEN E HEIDEMAN, WARREN HOFMANN, F MICHAEL HUTCHINSON, CHARLES R KEITH, INGEBERD M KELLER, MARY L RECORD, M THOMAS JR SELZER, JUDITH A SMITH, LLOYD M STELMACH, GEORGE E	MULTI-CHANNEL SQUID BIO GRADIOMETER DEC VAX MODEL 8530 TO UPGRADE UWCCC COMPUTER SYSTEM MOUSE GENETIC MODELS FOR PHENYLKETONURIA CALORIE RESTRICTION AND AGING IN NON-HUMAN PRIMATES HELPER T LYMPHOCYTE FUNCTION IN VITAMIN A DEFICIENCY REGULATION OF ADENYLYL CYCLASE ACTIVITY IN YEAST GENETIC ANALYSIS OF DROSOPHILA ABELSON TYROSINE KINASE SMALL INSTRUMENTATION PROGRAM ROLE OF REGULATORY PEPTIDES IN PULMONARY HYPERTENSION GENITAL HERPES/GENITAL WARTS: REPRESENTATIONS & COPING 400 MHZ NMR SPECTROMETER DEMOGRAPHIC AND SOCIAL ISSUES IN CHILD SUPPORT SYSTEM FOR LARGE-SCALE AUTOMATED DNA SEQUENCING BIOMEDICAL APPLICATIONS OF A 3-D RECORDING SYSTEM	400,000 342,000 115,068 201,298 117,734 98,855 152,988 13,182 105,424 111,786 400,000 158,215 390,543 160,000
INSTITUTION TOTAL CITY TOTAL	15	2,841,759 2,843,259		

MILWAUKEE MARQUETTE UNIVERSITY	DONALDSON, WILLIAM A	IRON COMPLEXES IN ACYCLIC POLYENE SYNTHESIS	64,896
INSTITUTION TOTAL	1	64,896	
MEDICAL COLLEGE OF WISCONSIN	EELLS, JANIS THANE GODFREY, EARL W KRIEG-KOWALD, MARIANNE	NEUROCHEMICAL MECHANISMS OF INSECTICIDE TOXICITY ECM MOLECULES IN NEUROMUSCULAR JUNCTION DEVELOPMENT MECHANISM OF PHOTODYNAMIC ACTION OF CYANINE DYES	100,525 147,504 105,770
INSTITUTION TOTAL	3	353,799	
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MILWAUKEE	SOTTMANN, MARK S	EXERCISE, AGING, AND SULFOCONJUGATED CATECHOLAMINES	105,937
INSTITUTION TOTAL CITY TOTAL	1 5	105,937 524,632	
STATE TOTAL	22	3,464,053	

PUERTO RICO SAN JUAN CARIBBEAN MICROPARTICLES CORPORATION	INDO-1 MICROBEAD STANDARD IN FLOW CYTOMETRY	50,000
1R43 GM43030-01 SCHWARTZ, ABRAHAM	QUANTITATIVE	

NIH
RESEARCH GRANTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
STATE TOTAL	1	50,000	
CANADA			
CALGARY UNIVERSITY OF CALGARY 1R01 HL42470-01	REMMERS, JOHN E	OBSTRUCTIVE SLEEP APNEA & PERIODIC BREATHING IN SLEEP	50,634
INSTITUTION TOTAL CITY TOTAL	1 1	50,634 50,634	
EDMONTON ALBERTA CANCER BOARD--DR. W. W. CROSS	CROSS CANCER INSTITUTE 1R01 CA49936-01 DAY, RUFUS S III	CELLULAR DNA REPAIR RESPONSE TO METHYLATING AGENTS	76,095
INSTITUTION TOTAL	1	76,095	
UNIVERSITY OF ALBERTA 1R01 GM42375-01	DUNN, SUSAN M J	MOLECULAR STUDIES OF VOLTAGE-DEPENDENT CALCIUM CHANNELS	61,278
INSTITUTION TOTAL CITY TOTAL	1 2	61,278 137,373	
KINGSTON QUEEN'S UNIVERSITY AT KINGSTON 1R01 NS27193-01	LOEB, GERALD E	MUSCULOSKELETAL DYNAMICS AND MOTORCONTROL	147,843
INSTITUTION TOTAL CITY TOTAL	1 1	147,843 147,843	
TORONTO			
MOUNT SINAI HOSPITAL 1R01 HD25334-01	ROSSANT, JANET	GENETIC CONTROL OF EARLY MAMMALIAN DEVELOPMENT	127,793
INSTITUTION TOTAL CITY TOTAL	1 1	127,793 127,793	
STATE TOTAL	5	463,643	

NIH
RESEARCH GRANTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FRANCE LYON WORLD HEALTH ORGANIZATION- INTERNATIONAL AGENCY FOR RESEARCH ON CANCER 1R01 CA47591-01A1 1R13 CA48683-01	BARTSCH, HELMUT BARTSCH, HELMUT	BACTERIA-DNA DAMAGE IN STOMACH AND BLADDER CANCERS MEETING ON N-NITROSO COMPOUNDS MYCOTOXINS & TOBACCO	136,685 8,000
INSTITUTION TOTAL CITY TOTAL	2	144,685	
STATE TOTAL	2	144,685	

ISRAEL JERUSALEM HEBREW UNIVERSITY OF JERUSALEM 1R01 CA48146-01A1	HOCHMAN, JACOB D	MONOClonal antibodies to human multi drug resistance	111,816
INSTITUTION TOTAL CITY TOTAL	1	111,816	
STATE TOTAL	1	111,816	

ITALY PARMA UNIVERSITY OF PARMA 1R01 EY08074-01	MARAINI, GIOVANNI	BIOCHEMICAL LENS DAMAGE AND CATARACT RISK FACTORS	46,143
INSTITUTION TOTAL CITY TOTAL	1	46,143	
STATE TOTAL	1	46,143	
TOTAL	1,376	174,836,926	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA BIRMINGHAM MOLECULAR ENGINEERING ASSOCIATES INC. 1N43 AI95019-00	MATSUOKA, YUMIKO	HUMAN PARAINFLUENZA TYPE 2 VIRUS GLYCOPROTEIN GENES	49,108
INSTITUTION TOTAL	1		49,108
SCIENTIFIC APPLICATIONS COMPANY INC. 1N01 HD92920-00	CUTTER, GARY R.	UMBILICAL ARTERY CATHETER PLACEMENT	164,933
INSTITUTION TOTAL	1		164,933
SOUTHERN RESEARCH INSTITUTE 1N01 CM97574-00	PAGE, JOHN G	PRECLINICAL TOXICOLOGY/PHARMACOLOGY/DEVELOP DRUGS/AIDS	857,991
INSTITUTION TOTAL	1		857,991
CITY TOTAL	3		1,072,032
STATE TOTAL	3		1,072,032
CALIFORNIA ALAMEDA LEXICAL TECHNOLOGY, INC. 1N01 LM93517-00	TUTTLE, MARK	EDITING UMLS METATHESAURUS RECORDS	139,295
INSTITUTION TOTAL	1		139,295
CITY TOTAL	1		139,295
HAYWARD BALDUR SYSTEMS CORPORATION 1N43 C095181-00	HU, DAVID	KNOWLEDGE-BASED DECISION SYSTEM FOR CANCER TREATMENT	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
IRVINE UNIVERSITY OF CALIFORNIA AT IRVINE 1N01 HC95100-00	GARDIN, JULIUS M	CARDIA-ECHOCARDIOGRAPHY READING CENTER	905,491
INSTITUTION TOTAL	1		905,491
CITY TOTAL	1		905,491

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA LOS ANGELES SOHAR INC 1N43 CN95195-00	HECHT, MYRON	ENHANCED FOOD COMPOSITION RESEARCH DATA BASE	50,000
INSTITUTION TOTAL	1		
UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1N01 HR96038-00	KAPLAN, SAMUEL	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	157,970
INSTITUTION TOTAL	1		
UNIVERSITY OF SOUTHERN CALIFORNIA 1N01 CM97620-00 1N01 CP95659-00	CHAN, KENNETH HENDERSON, BRIAN E	PRECLINICAL PHARMACOLOGY INVESTIGATION/ANTITUMOR AGENTS BREAST CANCER IN ORIENTAL AMERICANS	194,174 74,799
INSTITUTION TOTAL	2		
CITY TOTAL	4	268,973 476,943	
MOUNTAIN VIEW CALIFORNIA BIOTECHNOLOGY INC. 1N43 DK92253-00	LEWICKI, JOHN A	INHIBITORS OF ATRIAL NATRIURETIC PEPTIDE CLEARANCE	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1	50,000 50,000	
OAKLAND CRUNCH SOFTWARE CORPORATION 1N43 CP95628-00	BOSTROM, ALAN	MICROCOMPUTER PROGRAM FOR CALCULATIONS	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1	50,000 50,000	
PALO ALTO SOCIOMETRICS CORPORATION 1N43 HD92917-00	CARD, JOSEFINA J	ESTABLISHMENT OF A FAMILY DATA ARCHIVE	50,000
INSTITUTION TOTAL	1		
CITY TOTAL	1	50,000 50,000	
PASADENA HUNTINGTON MEDICAL RESEARCH INSTITUTES 1N01 NS92326-00	AGNEW, WILLIAM F	SAFE METHOD-- INTRACORTICAL/PERIPHERAL NERVE STIMULATION	428,905

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA PASADENA HUNTINGTON MEDICAL RESEARCH INSTITUTES IN01 NS92402-00 MC CREEERY, DOUGLAS B		FEASIBILITY OF A CNS AUDITORY PROSTHESIS	212,439
INSTITUTION TOTAL CITY TOTAL	2	641,344 641,344	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO IN01 HR96039-00 TEITEL, DAVID F		PEDIATRIC LUNG AND COMPLICATIONS OF HIV INFECTION	201,676
INSTITUTION TOTAL CITY TOTAL	1	201,676 201,676	
SANTA MONICA SPECIALTY LABORATORIES, INC. IN43 A195023-00 SERAIL, SANDERS J		DIAGNOSE MYCOBACTERIAL DISEASE/POLYMERASE CHAIN REACTION	49,964
INSTITUTION TOTAL CITY TOTAL	1	49,964 49,964	
SIMI VALLEY PHARM-ECO LABORATORIES IN01 CM97587-00 BHAT, VENTATRAMANA		LARGE-SCALE PREPARATION OF ANTI-AIDS DRUGS	331,827
INSTITUTION TOTAL CITY TOTAL	1	331,827 331,827	
SYLMAR ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH IN01 NS92327-00 SCHULMAN, JOSEPH H		MICROSTIMULATOR--FUNCTIONAL NEUROMUSCULAR STIMULATION	168,175
INSTITUTION TOTAL CITY TOTAL	1	168,175 168,175	
THOUSAND OAKS AMGEN IN43 CP95636-00	HARE, DAVID L	EXPRESSION--SYNTHETIC DNA SEQUENCES/HTLV-I ENV PROTEIN	50,000
INSTITUTION TOTAL CITY TOTAL	1	50,000 50,000	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA TORRANCE LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR-UCLA MEDICAL CENTER 1N01 DK92246-00 PARLOW, ALBERT F		EXTRACTION AND PURIFICATION OF RAT PITUITARY HORMONES	283,077
INSTITUTION TOTAL CITY TOTAL	1 1	283,077 283,077	
STATE TOTAL	18	3,447,792	
COLORADO LONGMONT TBC RESEARCH LABORATORIES 1N43 CP95668-00	STABINSKY, YITZHAK	ENHANCED PRODUCTION OF HIV-1 PROTEASE IN E. COLI	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
STATE TOTAL	1	50,000	
CONNECTICUT EAST HAVEN RON-TRON ENGINEERING 1N43 DK92255-00	ARPINO, RONALD G	REMOTE FLUORESCENCE SPECTROSCOPY/FIBEROPTIC ENDOSCOPY	32,417
INSTITUTION TOTAL CITY TOTAL	1 1	32,417 32,417	
NEW HAVEN BIOS CORPORATION 1N43 CP95631-00	LEWIS, MARCIA	PROBES TO DETECT EBV INTEGRATION IN HUMAN CELLS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
NORWALK GENZYME CORPORATION 1N01 NS92358-00 1N01 NS92360-00	FURBISH, SCOTT F FURBISH, SCOTT F	HOMOGENEOUS CERAMIDETRIHEXOSIDASE FROM HUMAN PLACENTA SOHINGOMYELINASE FROM HUMAN PLACENTAL TISSUE	86,591 118,044
INSTITUTION TOTAL CITY TOTAL	2 2	204,635 204,635	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	4	287,052	
DIST OF COL WASHINGTON AMERICAN NATIONAL RED CROSS IN01 HB97075-00	MCCULLOUGH, JEFFREY	NATIONAL MARROW DONOR PROGRAM	1,084,326
INSTITUTION TOTAL	1	1,084,326	
EMPRISE INC. IN43 CN95193-00	BARNETT, BETH	COMPUTERIZED TRAINING IN CANCER PAIN MANAGEMENT	50,000
INSTITUTION TOTAL	1	50,000	
FACILITIES MANAGEMENT COMPANY INC. IN01 LM93515-00	SIMS, FRÉDERICK L	INTERLIBRARY LOAN PHOTOCOPY	1
INSTITUTION TOTAL	1	1	
NATIONAL ACADEMY OF SCIENCES IN01 H099006-00 IN01 LM93513-00	GOODMAN, CLIFFORD S POPE, ANDREW	EVALUATION OF THE NHLBI ARTIFICIAL HEART PROGRAM PROGRAM ADVISORY SERVICES	49,000 88,550
INSTITUTION TOTAL	2	137,550	
TECHNICAL ASSESSMENT, INC. IN43 CN95194-00	PETERSEN, BARBARA	FOOD COMPONENT RESEARCH DATABASE/MICROCOMPUTERS	50,000
INSTITUTION TOTAL	1	50,000	
WASHINGTON CONSULTING GROUP IN01 C094381-00	HIRSCHHORN, RONALD J	ADP SUPPORT SERVICES FOR DEA AND THE OD, NCI	285,930
INSTITUTION TOTAL	1	285,930	
CITY TOTAL	1	1,607,807	
STATE TOTAL	7	1,607,807	
FLORIDA CLEARWATER OXFORD MEDILOG INC. IN43 ES91002-00	HARDS, ROBERT	ENDOGENOUS ACTIVATION OF PREMUTAGENS BY L5178Y CELLS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
FLORIDA			
GAINESVILLE MEGAVOLTAGE IMAGING 1N43 CM97602-00	MAUDERLI, WALTER	REAL-TIME PORTAL IMAGING IN RADIATION THERAPY	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	2	100,000	
ILLINOIS			
CHICAGO IIT RESEARCH INSTITUTE 1N01 ES95266-00	ARANYI, CATHERINE	PRECHRONIC INHALATION STUDY OF VANADIUM PENTOXIDE	368,250
INSTITUTION TOTAL	1	368,250	
UNIVERSITY OF CHICAGO 1N01 ES95267-00	HERBST, ARTHUR	IMPACT OF PRENATAL EXPOSURE TO DIETHYLTILBESTROL	174,968
INSTITUTION TOTAL	1	174,968	
UNIVERSITY OF ILLINOIS AT CHICAGO 1N01 CM97567-00	MEHATA, RAJESHWARI R	PROCUREMENT OF HUMAN BREAST CANCER CELL LINES	155,329
INSTITUTION TOTAL	1	155,329	
CITY TOTAL	3	698,547	
LOMBARD			
1N43 GRUPE, INC. CP95640-00	BECKER, DAVID S	DEVELOP A CD-ROM OF MORTALITY DATA	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
SKOKIE			
MED/GRAPHICS DIVISION 1N43 CP95637-00	LORD LABEL AND MANUFACTURING COMPANY KRIOZERE, RICHARD	BAR CODED SAMPLE TRACKING/COLLECTION SYSTEM	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	1	28,000	
STATE TOTAL	5	776,547	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INDIANA KENDALLVILLE NORTHEASTERN MENTAL HEALTH CENTER 1N01 HD92919-00	MOORE, KRISTIN A	CONSEQUENCES OF EARLY CHILDBEARING IN THE 1980'S	220,660
INSTITUTION TOTAL	1		220,660
CITY TOTAL	1		220,660
STATE TOTAL	1		220,660
IOWA IOWA CITY UNIVERSITY OF IOWA 1N01 CM97577-00 1N01 CP95602-00	CHIN, TING-FONG KROSS, BURTON C	DEVELOP AND PRODUCE PHARMACEUTICAL DOSAGE FORMS EXPOSURE ASSESSMENT METHODS FOR PESTICIDES	445,813 236,087
INSTITUTION TOTAL	2		681,900
CITY TOTAL	2		681,900
STATE TOTAL	2		681,900
KANSAS LAWRENCE UNIVERSITY OF KANSAS 1N01 DE92575-00 1N01 CN97576-00	LAWRENCE HEFFERREN, JOHN B STELLA, VALENTINO J	BIOADHESIVE SYSTEM FOR ORAL CANDIDIASIS DOSAGE FORMS/DELIVERY SYSTEM FOR NEW ANTITUMOR AGENTS	92,516 234,530
INSTITUTION TOTAL	2		327,046
CITY TOTAL	2		327,046
STATE TOTAL	2		327,046
KENTUCKY LEXINGTON ENVIRONMENTAL HEALTH RESEARCH AND TESTING 1N01 ES95249-00	GULATI, DUSHYANT	RANGE FINDING STUDIES - DEVELOPMENTAL TOXICITY	146,681
INSTITUTION TOTAL	1		146,681
CITY TOTAL	1		146,681
STATE TOTAL	1		146,681

**NIH
RESEARCH CONTRACTS**

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MAINE BAR HARBOR JACKSON LABORATORY IN01 AI95024-00	MOBRAATEN, LARRY E	CRYOPRESERVED MOUSE EMBRYO REPOSITORY	118,270
INSTITUTION TOTAL	1	118,270	
CITY TOTAL	1	118,270	
STATE TOTAL	1	118,270	
 MARYLAND BALTIMORE MOLECULAR DIAGNOSTIC SYSTEMS, INC. IN43 CP95633-00	NAGHASHFAR, ZOHREH	MONOCLONAL ANTIBODIES TO EPSTEIN-BARR VIRUS PEPTIDES	50,000
INSTITUTION TOTAL	1	50,000	
UNIVERSITY OF MARYLAND SYSTEM-UNIVERSITY OF MARYLAND IN01 CP95624-00	TRUMP, BENJAMIN F	BALTIMORE PROFESSIONAL SCHOOL RESOURCE FOR COLLECTION AND EVALUATION OF HUMAN TISSUE	527,710
INSTITUTION TOTAL	2	527,710	
CITY TOTAL	2	577,710	
 BETHESDA BRC ASSOCIATES INC. IN01 HD92914-00	CONLEY, MARY	DIABETES IN EARLY PREGNANCY PROJECT--DATA ANALYSIS	64,063
INSTITUTION TOTAL	1	64,063	
CIVILIZED SOFTWARE, INC. IN43 CP95635-00	BUNOW, BARRY J	GENERATION OF BIOSTATISTICAL DISTRIBUTIONS	44,000
INSTITUTION TOTAL	1	44,000	
TASCONSULTATION ASSOCIATES INC. IN01 LM93514-00	DEGRAFFENREID, LINDA	SUPPORT SERVICES FOR THE NATIONAL LIBRARY OF MEDICINE	110,510
INSTITUTION TOTAL	3	110,510	
CITY TOTAL	3	218,573	
 CHEVY CHASE LMP ASSOCIATES INC. IN43 CN95179-00	RUDNER, LAWRENCE M	SOFTWARE TO AID IN THE META-ANALYSIS OF RESEARCH	47,000
INSTITUTION TOTAL	1	47,000	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	47,000	
MARYLAND			
FREDERICK PATHOLOGY ASSOCIATES, INC. IN01 AG92110-00	HALL, WILLIAM	PATHOLOGY CHARACTERIZATION GRC WISTAR RAT COLONY	82,631
INSTITUTION TOTAL	1	82,631	
CITY TOTAL		82,631	
LAUREL AMVAX IN01 HD92908-00	SEKURA, RONALD D	PRODUCTION OF AN ACELLULAR PERTUSSIS VACCINE--TOXOID	1,500,000
INSTITUTION TOTAL	1	1,500,000	
CITY TOTAL		1,500,000	
MIDDLETOWN BIO-MOLECULAR TECHNOLOGY, INC. IN43 CP95634-00 IN43 CP95642-00	HAMPAR, BERGE HAMPAR, BERGE	ANTIBODY PROBES FOR HUMAN B-LYMPHOTROPIC VIRUS MOLECULAR PROBES FOR HUMAN B-LYMPHOTROPIC VIRUS	48,500 45,000
INSTITUTION TOTAL	2	93,500	
CITY TOTAL		93,500	
ROCKVILLE BIOTECH RESEARCH LABORATORIES, INC. IN43 A195018-00 IN01 CP95663-00	DUSING, SANDRA K RINGER, DANIEL C	S V ADENOVIRUS RECOMBINANTS FOR VACCINE EFFICACY BILOGICAL SPECIMENS/PERSONS AT HIGH RISK OF CANCER	49,305 246,069
INSTITUTION TOTAL	2	295,374	
HAZLETON LABORATORIES CORPORATION--GOVERNMENT SERVICES DIVISION IN01 CP95670-00	MOORE, MICHAEL	RESOURCE FOR XENOTRANSPLANTATION	353,709

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
ROCKVILLE HAZLETON LABORATORIES CORPORATION--GOVERNMENT SERVICES DIVISION			
IN01 CB95621-00 VALENTINE, DAREN		FERAL MOUSE BREEDING COLONY	144,581
INSTITUTION TOTAL	2	498,290	
INFORMATION MANAGEMENT SERVICES			
IN43 CN95197-00 BROOKS, EMILY M.		GRAPHICAL INTERNATIONAL FOOD RETRIEVAL/ANALYSIS PROGRAM	49,000
IN01 CB95601-00 DUNSMORE, MARLENE		BIOMEDICAL COMPUTING SOFTWARE SERVICES	119,931
IN01 CN95127-00 GRIFFEN, CAROL		ISO-BCC STUDY COORDINATING CENTER	176,908
IN01 NS92325-00 LAKE, WILLIAM H.		BIOMEDICAL RESEARCH DATA MANAGEMENT SUPPORT	55,578
INSTITUTION TOTAL	4	401,417	
MICROBIOLOGICAL ASSOCIATES, INC.			
IN01 ES95252-00 PUTMAN, DONALD		DEVELOPMENT OF MUTAGENESIS ASSAY USING TRANSGENIC MICE	435,722
INSTITUTION TOTAL	1	435,722	
PROSPECT ASSOCIATES, LTD.			
IN01 OD92111-00 KEAN, THOMAS J.		SUPPORT SERVICES TECHNOLOGY ASSESSMENT AND TRANSFER	500,000
INSTITUTION TOTAL	1	500,000	
ROW SCIENCES, INC.			
IN01 CN95182-00 AMACHER, RICHARD		SMOKING AND TOBACCO CONTROL MONOGRAPHS	674,687
INSTITUTION TOTAL	1	674,687	
THE RACEL CORPORATION			
IN43 AI95020-00 MAXIM, PETER E.		ADJUVANT ACTIVITY OF BUTYROLACTONE DRUGS	49,771
INSTITUTION TOTAL	1	49,771	
UNIVERSAL HI-TECH DEVELOPMENT, INC.			
IN01 CO94392-00 WOOD, THOMAS C.		SUPPORT FOR NCI/NICHD LOCAL AREA NETWORKS	352,000
INSTITUTION TOTAL	1	352,000	
WESTAT INC			
IN01 CP95618-00 MORAN, FRANK X		SUPPORT OF OCCUPATIONAL STUDIES	462,572
INSTITUTION TOTAL	14	3,669,833	
CITY TOTAL		462,572	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND SILVER SPRING KBL GROUP INC. 1N43 CN95190-00	LEVITAN, KAREN B	EVALUATION OF WORKSITE HEALTH PROMOTION MATERIALS	50,000
INSTITUTION TOTAL	1	50,000	
WESTCO AUTOMATED SYSTEMS AND SALES, INC. 1N01 LM93511-00	HALKETT, IAN W	NON-COLATILE HIGH-PERFORMANCE STORAGE UNIT	36,600
INSTITUTION TOTAL	1	36,600	
CITY TOTAL	2	86,600	
STATE TOTAL	27	6,325,847	
MASSACHUSETTS BEDFORD TROPIX INC. 1N43 A195022-00	BRONSTEIN, IRENA Y	DETECTION / INFECTIOUS DIS WITH ENZYME LABELED DNA PROBES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
BOSTON BRIGHAM AND WOMEN'S HOSPITAL 1N01 HD92913-00	COLDITZ, GRAHAM A	MORTALITY STUDY OF MEN WHO HAVE UNDERGONE VASECTOMY	150,000
INSTITUTION TOTAL	1	150,000	
CHILDREN'S HOSPITAL 1N01 HR96041-00	LIPSCHULTZ, STEPHEN	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	157,973
INSTITUTION TOTAL	1	157,973	
CITY TOTAL	2	307,973	
BURLINGTON MEDICAL RESEARCH INTERNATIONAL INC. 1N01 HD92912-00	HARTZ, STURAT C	DATA BASES/RISKS/BENEFIT/OF CONTRACEPTION & HORMONE USE	117,320
INSTITUTION TOTAL	1	117,320	
CITY TOTAL	1	117,320	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS CAMBRIDGE CYTEL SOFTWARE CORPORATION 1N43 CP95627-00	MEHTA, CYRUS R	ELECTRONIC TABLES FOR STATISTICIANS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000
GARDNER PRECISION OPTICS CORPORATION 1N43 DK92252-00	MAGNANTE, PETER C	SPECTROCHEMICAL ANALYSIS--GASTROINTESTINAL SYSTEM	35,500
INSTITUTION TOTAL CITY TOTAL	1 1		35,500
SCITUATE MOCO, INC 1N43 CP95632-00	MAULUCCI, RUTH A	MICROCOMPUTER GENERATED STATISTICAL TABLES	49,000
INSTITUTION TOTAL CITY TOTAL	1 1		49,000
WATERTOWN NEW ENGLAND RESEARCH INSTITUTE, INC. 1N01 HB97073-00	MCKINLAY, SONJA M	INVESTIGATION--PATIENT GROUPS FROM CSSCD--STAT CENTER	576,403
INSTITUTION TOTAL CITY TOTAL	1 1		576,403
RADIATION MONITORING DEVICES, INC. 1N43 CM97606-00 1N43 CM97601-00	EGERALD, FREDERICK, EDWIN E	COMPENDIUM OF RADIATION TREATMENT ACCESSORIES REAL-TIME PORTAL SCANNER/RADIATION THERAPY	50,000 50,000
INSTITUTION TOTAL CITY TOTAL	2 3		100,000 676,403
WOBURN BIOTEK, INC 1N43 CM97604-00	NUWAYSER, ELIE S	HEAT ACTIVATED MICROPARTICLE DRUG DELIVERY SYSTEMS	50,000
INSTITUTION TOTAL CITY TOTAL	1 1		50,000 50,000

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS WOODS HOLE MARINE BIOLOGICAL LABORATORY 1N01 NS92357-00	EPSTEIN, RAY	LOGISTICAL AND RESEARCH SUPPORT SERVICES	176,218
INSTITUTION TOTAL	1	176,218	
CITY TOTAL	1	176,218	
WORCESTER E G & G INC. --MASON	RESEARCH INSTITUTE 1N01 ES95258-00 1N01 ES95268-00	TRANSGENIC MICE USING P-CRESIDINE AND RESERpine SUBCHRONIC AND CHRONIC DOSED WATER STUDIES OF PYRIDINE	574,466 402,771
INSTITUTION TOTAL	2	977,237	
CITY TOTAL	2	977,237	
STATE TOTAL	14	2,489,651	
MINNESOTA ROCHESTER MAYO FOUNDATION 1N01 CM97618-00 1N01 CB95601-00	AMES, MATTHEW M DINAGNO, EUGENE	PRECLINICAL PHARMACOLOGY INVESTIGATION/ANTITUMOR AGENTS MAINTENANCE OF NCI SERUM BANK	126,230 232,271
INSTITUTION TOTAL	2	358,501	
CITY TOTAL	2	358,501	
STATE TOTAL	2	358,501	
MISSOURI COLUMBIA UNIVERSITY OF MISSOURI-COLUMBIA 1N01 HD92916-00	HILLMAN, LAURA S	FETAL HEMOGLOBIN AND THE RISK OF DYING FROM SIDS	42,731
INSTITUTION TOTAL	1	42,731	
CITY TOTAL	1	42,731	
STATE TOTAL	1	42,731	
NEW HAMPSHIRE LEBANON VERAX CORPORATION 1N43 CP95669-00	WORDEN, MARGARET	PRODUCTION OF HIV GP-120 PROTEIN	50,000

NIN RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
STATE TOTAL	1	50,000	
NEW JERSEY NEW BRUNSWICK RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK IN01 HD92909-00	CHIEN, YIE W	TRANSDERMAL DELIVERY SYSTEMS FOR FERTILITY REGULATION	229,674
INSTITUTION TOTAL CITY TOTAL	1 1	229,674 229,674	
PRINCETON PRINCETON SCIENTIFIC INSTRUMENTS, INC. 1N43 DK92254-00	COPE, A D	REMOTE SPECTROSCOPY IN GASTROINTESTINAL ENDOSCOPY	48,564
INSTITUTION TOTAL CITY TOTAL	1 1	48,564 48,564	
STATE TOTAL	2	278,238	
NEW YORK AMHERST BIO MED SCIENCES, INC. 1N43 CM97603-00	KAUFMAN, SOL	RADIATION ONCOLOGY DATA INFORMATION AND ADVISORY SYSTEM	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
BUFFALO ANALYSIS AND SIMULATION, INC. 1N43 CN95191-00	KAUFMAN, SOL	ONCOLOGIC PAIN INSTRUCTION/ADVISORY TREATMENT SYSTEM	48,500
INSTITUTION TOTAL	1	48,500	
STARKS ASSOCIATES IN01 CM97626-00 IN01 CM97569-00	HSIAO, LUKE Y PERCHONOCK, CARL D	LARGE SCALE PREPARATION OF ANTI-AIDS DRUGS SELECTION OF COMPOUNDS FOR ANTICANCER/AIDS SCREENING	298,581 771,040
INSTITUTION TOTAL CITY TOTAL	2 3	1,069,621 1,118,121	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1N01 HR96042-00	KATTAN, MEYER	PEDIATRIC HEART AND LUNG COMPLICATIONS OF HIV INFECTION	172,958
INSTITUTION TOTAL	1	172,958	
PRESBYTERIAN HOSPITAL IN NEW YORK 1N01 HR96043-00	BIERMAN, FREDRICK Z	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	187,983
INSTITUTION TOTAL	1	187,983	
CITY TOTAL	2	360,941	
SYRACUSE APPLIED LOGIC SYSTEMS INC. 1N43 CN9196-00	BOWEN, KENNETH A	INTELLIGENT FCRDB INTERFACES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	7	1,579,062	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, 1N01 CM97627-00	RUBINO, JOSEPH T	DOSAGE FORMS AND DELIVERY SYSTEM FOR ANTITUMOR AGENTS	117,280
INSTITUTION TOTAL	1	117,280	
CITY TOTAL	1	117,280	
RALEIGH C. ABACI INC. 1N43 CP95629-00	BATTISTE, E L	SCIENTIFIC DISTRIBUTION FUNCTION SOFTWARE	50,000
INSTITUTION TOTAL	1	50,000	
HYBRIZYME CORPORATION 1N43 CM97605-00	WIKE, WILLIAM B	DEVELOPMENT OF A MONOCLONAL ANTIBODY DATABASE	44,000
INSTITUTION TOTAL	1	44,000	
CITY TOTAL	2	94,000	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NORTH CAROLINA RESEARCH TRIANGLE PARK RESEARCH TRIANGLE INSTITUTE 1N01 NS92401-00	WILSON, BLAKE S	SPEECH PROCESSORS FOR AUDITORY PROSTHESES	373,507
INSTITUTION TOTAL	1	373,507	
TRIANGLE RESEARCH AND DEVELOPMENT CORPORATION 1N43 CP95630-00	GRAVELY, BEN T	RUGGED BAR CODE LABELING SYSTEM FOR EXTREME ENVIRONMENTS	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	2	423,507	
STATE TOTAL	5	634,787	
OHIO ATHENS DNX INC	PINKERT, CARL	DEVELOPMENT OF MUTAGENESIS ASSAY USING TRANSGENIC MICE	277,198
1N01 ES95253-00			
INSTITUTION TOTAL	1	277,198	
CITY TOTAL	1	277,198	
CLEVELAND CASE WESTERN RESERVE UNIVERSITY 1N01 NS92355-00	NEUMAN, MICHAEL R	PROSTHETIC SENSORY TRANSDUCERS	221,260
INSTITUTION TOTAL	1	221,260	
CLEVELAND CLINIC FOUNDATION 1N01 HR96037-00 1N01 CM97622-00	BOYETT, JAMES BUKOWSKI, RONALD M	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV PHASE I/II CLINICAL BIOLOGICAL RESPONSE MODIFICATION	547,777 464,901
INSTITUTION TOTAL	2	1,012,678	
CITY TOTAL	3	1,233,938	
COLUMBUS BATTELLE MEMORIAL INSTITUTE 1N01 CM97617-00	PLACKE, MICHAEL E	PRECLINICAL TOXICOLOGY/PHARMACOLOGY/DEVELOP DRUGS/AIDS	969,792
INSTITUTION TOTAL	1	969,792	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
OHIO COLUMBUS OHIO STATE UNIVERSITY IN01 CM97619-00	MALSPES, LOUIS	PRECLINICAL PHARMACOLOGY INVESTIGATION/ANTITUMOR AGENTS	194,755
INSTITUTION TOTAL	1	194,755	
CITY TOTAL	2	1,164,547	
STATE TOTAL	6	2,675,683	
OREGON PORTLAND OREGON STATE HIGHER EDUCATION SYSTEM--OREGON HEALTH SCIENCES UNIVERSITY IN01 LM93516-00	WITTER, DAVID H	BIOMEDICAL INFORMATION COMMUNICATIONS CENTER	5,405,249
INSTITUTION TOTAL	1	5,405,249	
CITY TOTAL	1	5,405,249	
STATE TOTAL	1	5,405,249	
TENNESSEE NASHVILLE MEHARRY MEDICAL COLLEGE IN01 CO94394-00	HARGREAVES, MARGARET	CANCER PREVENTION AWARENESS	202,730
INSTITUTION TOTAL	1	202,730	
CITY TOTAL	1	202,730	
STATE TOTAL	1	202,730	
TEXAS HOUSTON Baylor College of Medicine IN01 HR96040-00	SHEARER, WILLIAM T	PEDIATRIC LUNG AND HEART COMPLICATIONS OF HIV INFECTION	203,660
INSTITUTION TOTAL	1	203,660	
TEXAS SOUTHERN UNIVERSITY IN01 CO94393-00	FENNELL, PEARLIE	CANCER PREVENTION AWARENESS	156,415
INSTITUTION TOTAL	1	156,415	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
TEXAS			
HOUSTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER 1N01 CM97610-00 MURRY, LEE			468,646
INSTITUTION TOTAL CITY TOTAL	1 3	468,646 828,721	
STATE TOTAL	3	828,721	
 UTAH SALT LAKE CITY TECHNICAL RESEARCH ASSOCIATES, INC. 1N43 ES91003-00 BEHDZIAN, K		IMPLANTABLE IDENTIFICATION DEVICE FOR SMALL ANIMALS	50,000
INSTITUTION TOTAL	1	50,000	
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1N01 CM97585-00 ANDERSON, BRADLEY D 1N01 NS92328-00 SWINYARD, EWART A		DOSAGE OF NEW AGENTS FOR THE TREATMENT OF AIDS EARLY EVALUATION OF ANTICONVULSANT DRUGS	133,886 1,068,487
INSTITUTION TOTAL CITY TOTAL	2 3	1,202,373 1,252,373	
STATE TOTAL	3	1,252,373	
 VERMONT SOUTH BURLINGTON SECOND FOUNDATION, INC. 1N43 C095180-00 WALTON, PETER L		DEVELOPMENT OF A CLINICAL ONCOLOGY WORKSTATION	50,000
INSTITUTION TOTAL CITY TOTAL	1 1	50,000 50,000	
STATE TOTAL	1	50,000	
 VIRGINIA ALEXANDRIA INTER SYSTEMS, INC. 1N01 HD92911-00 BULCAVAGE, FRANCIS J		LINKING DATA FOR PERINATAL PROJECT/INFANT DEATH INDEX	74,800
INSTITUTION TOTAL CITY TOTAL	1	74,800 74,800	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA			
ANNANDALE JWK INTERNATIONAL CORPORATION IN43 CN95178-00	HEINE, ANNE C	COMPUTER-BASED DIETARY INTERVENTION PROGRAM	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	2	124,800	
 WASHINGTON			
BOTHELL MICROPROBE CORPORATION IN43 AI95017-00 IN43 AI95021-00	GAMPER, HOWARD B VERMEULEN, NICOLAAS M	RETROVIRUS MODEL--EVALUATE ANTI-SENSE PROBE THERAPY DNA AND RNA EXTRACTION FROM FECES FOR DNA PROBE ANALYSIS	50,000 49,991
INSTITUTION TOTAL	2	99,991	
CITY TOTAL	2	99,991	
 RICHLAND			
BATTELLE MEMORIAL INSTITUTE--BATTELLE PACIFIC NORTHWEST DIVISION IN01 ES95259-00 IN01 ES95262-00	CHOU, BILLY CHOU, BILLY J	PILOT AND CHRONIC TOXICITY STUDY OF TETRAHYDROFURAN CHRONIC COCARCINOGENICITY STUDY OF OZONE AND NNK	1,233,905 185,107
INSTITUTION TOTAL	2	1,419,012	
CITY TOTAL	2	1,419,012	
STATE TOTAL	4	1,519,003	
 WEST VIRGINIA			
MORGANTOWN RESOURCE TECHNOLOGIES GROUP, INC. IN43 CP95641-00	CASE, GEORGE D	PORTABLE BIOCHEMICAL DETECTOR FOR CARCINOGEN EXPOSURES	50,000
INSTITUTION TOTAL	1	50,000	
CITY TOTAL	1	50,000	
STATE TOTAL	1	50,000	
 WISCONSIN			
MILWAUKEE BLOOD CENTER OF SOUTHEASTERN WISCONSIN IN01 HB97083-00	MENTOVE, DR JAY	NATIONAL MARROW DONOR PROGRAM	255,956

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	255,956 255,956	
STATE TOTAL	1	255,956	
 AUSTRALIA PARKVILLE UNIVERSITY OF MELBOURNE 1N01 NS92400-00	CLARK, GRAEME M		
INSTITUTION TOTAL CITY TOTAL	1 1	124,609 124,609	124,609
STATE TOTAL	1	124,609	
 ITALY PARMA UNIVERSITY OF PARMA 1N01 EY92108-00	GIOVANNI, MARAINI		
INSTITUTION TOTAL CITY TOTAL	1 1	171,119 171,119	171,119
STATE TOTAL	1	171,119	
 SWITZERLAND GENEVA INTERNATIONAL UNION AGAINST CANCER 1N01 CO94383-00	PONTEN, JAN		
INSTITUTION TOTAL CITY TOTAL	1 1	125,000 125,000	125,000
STATE TOTAL	1	125,000	
 TOTAL	132	33,379,847	

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RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOllARS AWARDED
CALIFORNIA BERKELEY UNIVERSITY OF CALIFORNIA AT BERKELEY 1T32 GM08295-01	MATHIES, RICHARD A	MOLECULAR BIOPHYSICS TRAINING GRANT	106,278
INSTITUTION TOTAL	1		106,278
CITY TOTAL	1		106,278
LA JOLLA UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1T32 GM08326-01	MONTAL, S MAURICIO	MOLECULAR BIOPHYSICS TRAINING PROGRAM	55,158
INSTITUTION TOTAL	1		55,158
CITY TOTAL	1		55,158
SAN DIEGO CALIFORNIA STATE UNIVERSITY AND COLLEGES SYSTEM--SAN DIEGO STATE UNIVERSITY 1T34 GM08303-01	ATKINS, CATHERINE J	MARC HONORS UNDERGRADUATE TRAINING PROGRAM	94,003
INSTITUTION TOTAL	1		94,003
CITY TOTAL	1		94,003
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1T32 NR07055-01	MELEIS, AFAF I	COMMUNITY ORIENTED PRIMARY HEALTH CARE	111,032
INSTITUTION TOTAL	1		111,032
CITY TOTAL	1		111,032
STATE TOTAL	4		366,471
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1T32 HD07320-01A2	BRACKEN, MICHAEL B	TRAINING PROGRAM IN PERINATAL EPIDEMIOLOGY	115,128
INSTITUTION TOTAL	1		115,128
CITY TOTAL	1		115,128
STATE TOTAL	1		115,128

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RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
ILLINOIS CHICAGO UNIVERSITY OF CHICAGO 1T32 HD07379-01	ROSENFELD, ROBERT L	PHD PREPARATION FOR PEDIATRIC SCIENCE TRAINEES	47,759
INSTITUTION TOTAL	1		47,759
CITY TOTAL	1		47,759
STATE TOTAL	1		47,759
MASSACHUSETTS BOSTON MASSACHUSETTS GENERAL HOSPITAL 1T32 HL07680-01	STOSSEL, THOMAS P	CELL AND MOLECULAR BIOLOGY OF BLOOD AND ITS DISORDERS	147,180
INSTITUTION TOTAL	1		147,180
CITY TOTAL	1		147,180
CAMBRIDGE HARVARD UNIVERSITY 1T32 GM08313-01	WILEY, DON C	MOLECULAR BIOPHYSICS TRAINING GRANT	291,828
INSTITUTION TOTAL	1		291,828
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 1T32 GM08318-01	SCHIMMEL, PAUL	TRAINING IN BIOPHYSICAL CHEMISTRY AT MIT	122,636
INSTITUTION TOTAL	1		122,636
CITY TOTAL	2		414,464
STATE TOTAL	3		561,644
MICHIGAN EAST LANSING MICHIGAN STATE UNIVERSITY 1T32 ES07255-01	FISCHER, LAWRENCE J	MULTIDISCIPLINARY TRAINING IN ENVIRONMENTAL TOXICOLOGY	112,934
INSTITUTION TOTAL	1		112,934
CITY TOTAL	1		112,934
STATE TOTAL	1		112,934

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RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
MINNESOTA ROCHESTER MAYO FOUNDATION 1T32 GM08288-01	REHDER, KAI	RESEARCH TRAINING PROGRAM IN ANESTHESIOLOGY	66,680
INSTITUTION TOTAL CITY TOTAL	1		66,680
STATE TOTAL	1		66,680
NEW JERSEY NEW BRUNSWICK RUTGERS THE STATE UNIVERSITY NEW BRUNSWICK 1T32 GM08319-01	OLSON, WILMA K	MOLECULAR BIOPHYSICS	32,484
INSTITUTION TOTAL CITY TOTAL	1		32,484
STATE TOTAL	1		32,484
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1T34 GM08222-01A1	ATENCIO, ALONZO C	MARC UNDERGRADUATE RESEARCH TRAINING PROGRAM	116,913
INSTITUTION TOTAL CITY TOTAL	1		116,913
STATE TOTAL	1		116,913
NEW YORK NEW YORK ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES 1T32 DK07559-01A2	PI-SUNYER, F XAVIER	OBESITY RESEARCH CENTER TRAINING PROGRAM	72,376
INSTITUTION TOTAL	1		72,376
Yeshiva University 1T32 HL07675-01	LEINWAND, LESLIE A	MECHANISMS OF CARDIOVASCULAR DISEASE	149,118
INSTITUTION TOTAL CITY TOTAL	1		221,494
STATE TOTAL	2		221,494

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RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
OREGON EUGENE OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1T32 HD07348-01	KIMMEL, CHARLES B	DEVELOPMENTAL BIOLOGY TRAINING PROGRAM	61,240
INSTITUTION TOTAL	1	61,240	
CITY TOTAL	1	61,240	
STATE TOTAL	1	61,240	
PENNSYLVANIA			
PHILADELPHIA WISTAR INSTITUTE OF ANATOMY AND BIOLOGY 1T32 A107324-01A2	KNOWLES, BARBARA B	TRAINING IN VIROLOGY	72,110
INSTITUTION TOTAL	1	72,110	
CITY TOTAL	1	72,110	
PITTSBURGH			
UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1T32 HD07343-01	LUND, RAYMOND D	TRAINING IN DEVELOPMENTAL NEUROSCIENCES	76,815
INSTITUTION TOTAL	1	76,815	
CITY TOTAL	1	76,815	
STATE TOTAL	2	148,925	
TENNESSEE			
NASHVILLE VANDERBILT UNIVERSITY 1T32 GM08320-01	STAROS, JAMES V	MOLECULAR BIOPHYSICS TRAINING PROGRAM	83,868
INSTITUTION TOTAL	1	83,868	
CITY TOTAL	1	83,868	
STATE TOTAL	1	83,868	
TEXAS			
DALLAS BAYLOR COLLEGE OF DENTISTRY 1T35 DE07188-01	TAYLOR, ALAN N	PREDOCTORAL DENTAL & BIOMEDICAL RESEARCH TRAINING	16,200
INSTITUTION TOTAL	1	16,200	

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RESEARCH TRAINING GRANTSDOLLARS
AWARDED

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM
CITY TOTAL	1	16,200

TEXAS		
HOUSTON BAYLOR COLLEGE OF MEDICINE 1T32 HL07676-01	BROWN, ARTHUR M	MOLECULAR EXCITABILITY IN THE CARDIOVASCULAR SYSTEM
INSTITUTION TOTAL	1	59,893
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS 1T32 DK07565-01A1	MOODY, FRANK G	HEALTH SCIENCE CENTER AT HOUSTON RESEARCH TRAINING IN DIGESTIVE DISEASE AND NUTRITION
INSTITUTION TOTAL	1	118,616
CITY TOTAL	2	178,509
STATE TOTAL	3	194,709

VIRGINIA		
CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1T32 GM08323-01	LITMAN, BURTON J	TRAINING PROGRAM IN MOLECULAR BIOPHYSICS
INSTITUTION TOTAL	1	72,504
CITY TOTAL	1	72,504
STATE TOTAL	1	72,504

WISCONSIN		
MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1T32 HD07342-01A1	SCHATTEN, GERALD P	GAMETE AND EMBRYO BIOLOGY
INSTITUTION TOTAL	1	45,676
CITY TOTAL	1	45,676
STATE TOTAL	1	45,676
TOTAL	24	2,248,429

45,676

72,504

**NIH
CONSTRUCTION GRANTS**

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1G20 RR05144-01	GUYAN, JERE E	AIDS INFRASTRUCTURE--ALTERATION AND RENOVATION	156,000
INSTITUTION TOTAL CITY TOTAL	1 1		156,000 156,000
STANFORD			
STANFORD UNIVERSITY 1G20 RR05228-01	KORN, DAVID	AIDS INFRASTRUCTURE -- ALTERATION AND RENOVATION	492,000
INSTITUTION TOTAL CITY TOTAL	1 1		492,000 492,000
STATE TOTAL	2		648,000
ILLINOIS			
CHICAGO NORTHWESTERN UNIVERSITY 1G20 RR05190-01	NUTTER, DONALD O	AIDS RESEARCH FACILITY EXPANSION	400,000
INSTITUTION TOTAL CITY TOTAL	1 1		400,000 400,000
STATE TOTAL	1		400,000
MARYLAND			
KENSINGTON CORNING GLASS WORKS--BIONETICS RESEARCH INC. 1G20 RR05135-01	SARNGADHARAN, HANGAIAS G	AIDS INFRASTRUCTURE: ALTERATION AND RENOVATION	444,000
INSTITUTION TOTAL CITY TOTAL	1 1		444,000 444,000
STATE TOTAL	1		444,000
NEW JERSEY			
NEWARK UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY 1G20 RR05223-01	COOK, STUART D	AIDS INFRASTRUCTURE: ALTERATION AND RENOVATION	389,227
INSTITUTION TOTAL	1		389,227

NIH
CONSTRUCTION GRANTS

GRANT NUMBER	RESPONSIBLE OFFICIAL	PURPOSE OF GRANT	DOLLARS AWARDED
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CITY TOTAL	1	389,227	
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STATE TOTAL	1	389,227	
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NEW YORK
NEW YORK
ST. LUKE'S-ROOSEVELT INSTITUTE FOR HEALTH SCIENCES

1G20 RR05204-01 LIEBERMAN, SEYMOUR
INSTITUTION TOTAL 1 450,760
CITY TOTAL 1 450,760

AIDS INFRASTRUCTURE: ALTERATIONS AND RENOVATION

STATE TOTAL 1 450,760

TOTAL 6 2,331,987

450,760

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARKANSAS			
LITTLE ROCK UNIVERSITY OF ARKANSAS AT LITTLE ROCK 1U10 HD25460-01	CALDWELL, BETTY	AN ECOLOGICAL STUDY OF INFANT CARE	174,071
INSTITUTION TOTAL	1	174,071	
CITY TOTAL	1	174,071	
STATE TOTAL	1	174,071	
CALIFORNIA			
IRVINE UNIVERSITY OF CALIFORNIA AT IRVINE 1U01 CA51610-01	MEYSKENS, FRANK JR	CHEMOPREVENTION OF HUMAN MELANOMA	119,999
INSTITUTION TOTAL	1	119,999	
CITY TOTAL	1	119,999	
OAKLAND			
BAY AREA TUMOR INSTITUTE 1U10 CA45461-01	CASSIDY, MICHAEL J	COMMUNITY CLINICAL ONCOLOGY PROGRAM	150,000
INSTITUTION TOTAL	1	150,000	
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE			
1U10 CA45374-01	BROWNING, SCOTT M	COMMUNITY CLINICAL ONCOLOGY PROGRAM	106,250
INSTITUTION TOTAL	1	106,250	
CITY TOTAL	2	256,250	
STATE TOTAL	3	376,249	
GEORGIA			
ATLANTA GEORGIA STATE DEPARTMENT OF HUMAN RESOURCES 1U01 CA50117-01	STEINER, CAROL B	DATA-BASED CANCER CONTROL IN GEORGIA	119,844
INSTITUTION TOTAL	1	119,844	
CITY TOTAL	1	119,844	
STATE TOTAL	1	119,844	

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COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA INDIANAPOLIS INDIANA UNIVERSITY-PURDUE UNIVERSITY AT INDIANAPOLIS 1U10 CA49883-01	EINHORN, LAWRENCE H	EASTERN COOPERATIVE ONCOLOGY GROUP	131,632
INSTITUTION TOTAL	1	131,632	
CITY TOTAL	1	131,632	
STATE TOTAL	1	131,632	
 MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1U01 EY08221-01 1U01 CA49076-01	REPKA, MICHAEL X ZERHOUNI, ELIAS A	CRYO-ROP FOLLOW-UP CLINICAL CENTER NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECTS	94,895
INSTITUTION TOTAL	2	102,721	
 MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE 1U01 CA50112-01	SOUTHARD, JOHN W	DATA-BASED INTERVENTIONS IN CANCER CONTROL IN MARYLAND	107,778
INSTITUTION TOTAL	1	107,778	
CITY TOTAL	3	210,499	
STATE TOTAL	3	210,499	
 MASSACHUSETTS BOSTON MASSACHUSETTS GENERAL HOSPITAL 1U01 HL40548-01A1	LEAF, ALEXANDER	DO FISH OILS PREVENT RESTENOSIS POST-CORONARY ANGIOPLAST	1,068,878
INSTITUTION TOTAL	1	1,068,878	
CITY TOTAL	1	1,068,878	
STATE TOTAL	1	1,068,878	
 MICHIGAN ANN ARBOR UNIVERSITY OF MICHIGAN AT ANN ARBOR 1U01 CA49077-01	FRANCIS, ISAAC R	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECT	59,695
INSTITUTION TOTAL	1	59,695	
CITY TOTAL	1	59,695	

NIH
COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
STATE TOTAL	1	59,695	
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1U01 CA49088-01	BALFFE, DENNIS M	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECTS	92,118
INSTITUTION TOTAL CITY TOTAL	1 1	92,118 92,118	
STATE TOTAL	1	92,118	
NEW HAMPSHIRE DURHAM UNIVERSITY OF NEW HAMPSHIRE SYSTEM--UNIVERSITY OF NEW HAMPSHIRE 1U10 HD25451-01	MC CARTNEY, KATHLEEN	SOCIAL ECOLOGY OF INFANT CHILD CARE	182,138
INSTITUTION TOTAL CITY TOTAL	1 1	182,138 182,138	
STATE TOTAL	1	182,138	
NEW YORK NEW YORK NEW YORK UNIVERSITY 1U01 CA49079-01	MEGIBOW, ALEC J	IMAGING TRIALS IN PANCREATIC AND COLO-RECTAL CARCINOMA	103,880
INSTITUTION TOTAL CITY TOTAL	1 1	103,880 103,880	
STATE TOTAL	1	103,880	
NORTH CAROLINA DURHAM DUKE UNIVERSITY 1U01 AI27535-01	WILFERT, CATHERINE M		688,578
INSTITUTION TOTAL CITY TOTAL	1 1	688,578 688,578	
		PEDIATRIC AIDS TREATMENT GROUP	688,578

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COOPERATIVE AGREEMENTS

GRANT NUMBER PRINCIPAL INVESTIGATOR TITLE OF RESEARCH PROPOSAL

				DOLLARS AWARDED
NORTH CAROLINA MORGANTON NORTH CAROLINA STATE DEPARTMENT OF HUMAN RESOURCES--WESTERN CAROLINA CENTER 1U10 HD25445-01 COX, MARTHA J		EFFECTS OF DAY CARE ON INFANTS:	WORK & FAMILY ECOLOGIES	106,756
INSTITUTION TOTAL CITY TOTAL	1 1	106,756 106,756		
STATE TOTAL	2	795,334		
NORTH DAKOTA BISMARCK NORTH DAKOTA STATE DEPARTMENT OF HEALTH 1U01 CA50133-01 MCDONOUGH, STEPHEN L		DATA-BASED INTERVENTION RESEARCH--PUBLIC HEALTH AGENCY		135,887
INSTITUTION TOTAL CITY TOTAL	1 1	135,887 135,887		
STATE TOTAL	1	135,887		
PENNSYLVANIA PHILADELPHIA TEMPLE UNIVERSITY 1U10 HD25455-01	WE INRAUB, MARSHA	EFFECTS OF NON-PARENTAL INFANT DAY CARE ON CHILDREN		136,204
INSTITUTION TOTAL CITY TOTAL	1 1	136,204 136,204		
PITTSBURGH EYE AND EAR HOSPITAL OF PITTSBURGH 1U01 EY08150-01 DOFT, BERNARD H		ENDOPHTHALMITIC VITRECTOMY STUDY		73,829
INSTITUTION TOTAL	1	73,829		
UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1U01 EY08176-01 DOBSON, MARGARET V 1U01 EY08151-01 KELSEY, SHERYL F		CRYO-ROP FOLLOW-UP VISUAL ACUITY CENTER ENDOPHTHALMITIS VITRECTOMY STUDY COORDINATING CENTER		99,126 271,744
INSTITUTION TOTAL CITY TOTAL	2 3	370,870 444,699		
STATE TOTAL	4	580,903		

**NIH
COOPERATIVE AGREEMENTS**

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH DAKOTA RAPID CITY RUSHMORE NATIONAL HEALTH SYSTEMS--RAPID CITY REGIONAL HOSPITAL 1U10 CA45553-01	LARRY P EBBERT,	COMMUNITY CLINICAL ONCOLOGY PROGRAM	56,250
INSTITUTION TOTAL CITY TOTAL	1 1	56,250 56,250	
STATE TOTAL	1	56,250	
 TENNESSEE NASHVILLE VANDERBILT UNIVERSITY 1U10 CA49957-01	JOHNSON, DAVID H	EASTERN COOPERATIVE ONCOLOGY GROUP	54,033
INSTITUTION TOTAL CITY TOTAL	1 1	54,033 54,033	
STATE TOTAL	1	54,033	
 VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1U10 CA43189-01A1	STEWART, JAMES A	EASTEN COORPERATIVE ONCOLOGY GROUP	72,108
INSTITUTION TOTAL	1	72,108	
VERMONT STATE AGENCY OF HUMAN SERVICES--DEPARTMENT OF HEALTH 1U01 CA50109-01	SPENGLER, ROBERT F	CANCER PREVENTION AND CONTROL PROJECT	139,112
INSTITUTION TOTAL CITY TOTAL	1 2	139,112 211,220	
STATE TOTAL	2	211,220	
 VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1U10 HD25449-01	PHILLIPS, DEBORAH A	QUALITY AND STABILITY OF INFANT CHILD CARE	109,530
INSTITUTION TOTAL CITY TOTAL	1 1	109,530 109,530	
STATE TOTAL	1	109,530	

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COOPERATIVE AGREEMENTS

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
WASHINGTON OLYMPIA WASHINGTON STATE DEPARTMENT OF SOCIAL AND HEALTH SERVICES 1U01 CA50135-01 FROST, FLOYD J		DATA-BASED INTERVENTION RESEARCH--PUBLIC HEALTH AGENCY	108,623
INSTITUTION TOTAL CITY TOTAL	1		108,623
SEATTLE UNIVERSITY OF WASHINGTON 1U01 CA49078-01	MOSS, ALBERT A	NATIONAL COLLABORATIVE DIAGNOSTIC IMAGING TRIAL PROJECTS	50,776
INSTITUTION TOTAL CITY TOTAL	1		50,776
STATE TOTAL	2		159,399
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON 1U01 EY08210-01	DAVIS, MATTHEW D	ENDOPHTHALMITIS VITRECTOMY STUDY READING CENTER	18,755
INSTITUTION TOTAL CITY TOTAL	1		18,755
MILWAUKEE ST. LUKE'S HOSPITAL 1U10 CA45400-01	HART, RONALD D	COMMUNITY CLINICAL ONCOLOGY PROGRAM	106,250
INSTITUTION TOTAL CITY TOTAL	1		106,250
STATE TOTAL	2		125,005
TOTAL	30		4,746,565

NIH
INTRNL. TRAINING/EPIDEMIOLOGY

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF PROGRAM	DOLLARS AWARDED
GEORGIA ATLANTA EMORY UNIVERSITY 1D43 TW00008-01	BRACHMAN, PHILIP S	INTERNATIONAL EPIDEMIOLOGIC TRAINING FOR AIDS RESEARCH	75,000
INSTITUTION TOTAL	1		75,000
CITY TOTAL	1		75,000
STATE TOTAL	1		75,000
LOUISIANA NEW ORLEANS TULANE UNIVERSITY OF LOUISIANA 1D43 TW00012-01	BERTRAND, WILLIAM E	EPIDEMIOLOGY TRAINING RELATED TO AIDS: TULANE AND ZAIRE	50,000
INSTITUTION TOTAL	1		50,000
CITY TOTAL	1		50,000
STATE TOTAL	1		50,000
TOTAL	2		125,000

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1F32 DK08260-01A1 CLIFF WILLIAM H 1F31 NR06392-01 GAUTIER CLARA H 1F06 TW01522-01 KRAFT, ANDREW S		PHYSIOLOGY PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY CELL BIOLOGY	21,000 12,500 19,200
INSTITUTION TOTAL	3	52,700	
CITY TOTAL	3	52,700	
TUSCALOOSA UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA IN TUSCALOOSA 1F05 TW04270-01 DIELEMAN, LEVINUS A		IMMUNOLOGY	27,750
INSTITUTION TOTAL	1	27,750	
CITY TOTAL	1	27,750	
STATE TOTAL	4	80,450	
ARIZONA PHOENIX ST. JOSEPH'S HOSPITAL AND MEDICAL CENTER 1F32 NS0873-01 MC CURDY, MARTHA L		PHYSIOLOGY	
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
TUCSON UNIVERSITY OF ARIZONA 1F05 TW04314-01 FEO-ZUPPARDI, FRANCISCO 1F31 NR06452-01 LEONARD, VERNONE H		IMMUNOLOGY NURSING	27,490 12,500
INSTITUTION TOTAL	2	39,990	
CITY TOTAL	2	39,990	
STATE TOTAL	3	60,990	
CALIFORNIA DAVIS UNIVERSITY OF CALIFORNIA AT DAVIS 1F05 TW04283-01 ALHO, KIMMO A		EXPERIMENTAL AND GENERAL PSYCHOLOGY	26,000

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA			
DAVIS			
UNIVERSITY OF CALIFORNIA AT DAVIS			
1F32 ES05490-01	TARRANT, ALICE F	ENVIRONMENTAL TOXICOLOGY	21,000
INSTITUTION TOTAL	2	47,000	
CITY TOTAL		47,000	
LA JOLLA			
LA JOLLA CANCER RESEARCH FOUNDATION			
1F32 CA08586-01A1	TUMARKIN, LISA A	MOLECULAR BIOLOGY	28,000
INSTITUTION TOTAL	1	28,000	
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
1F32 EX06179-01A1	CARMAN, GEORGE J	OPHTHALMOLOGY	20,000
1F32 DK08385-01	STENZEL-POORE, MARY	NEUROBIOLOGY	28,000
INSTITUTION TOTAL	2	48,000	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
1F32 GM13290-01	MAKRIS, JOHN C	GENETICS	20,000
1F05 TW04330-01	ZBORNICKOVA, VERA	PHYSIOLOGY	28,100
INSTITUTION TOTAL	2	48,100	
UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
1F05 TW04284-01	APTER, DAN L	ENDOCRINOLOGY	28,335
1F32 EY06221-01	FECHTNER, ROBERT D	OPHTHALMOLOGY	34,500
1F33 NS08717-01	GOLDSTEIN, MOISE H JR	LINGUISTICS	33,000
1F06 TW01523-01	SEEGMILLER, JARVIS E	BIOCHEMISTRY	8,509
INSTITUTION TOTAL	4	104,344	
CITY TOTAL	9	228,444	
LOS ANGELES			
UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
1F32 DK08295-01	ANDERSON, PAMELA W	ENDOCRINOLOGY	34,500
1F05 TW04257-01	CHIANG, ANNA	NUTRITION	27,000
1F05 TW04296-01	COUDERC, JEAN-LOUIS	MOLECULAR BIOLOGY	24,950
1F33 NS08713-01	GREIF, KAREN F	NEUROBIOLOGY	33,000
1F32 GM12963-01	LIEBERMAN, PAUL M	BIOLOGY	20,000
1F05 TW04289-01	ROCHA, LUISA L	PHYSIOLOGY	26,450

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CALIFORNIA LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1F32 NS08774-01	WIGHT, PATRICIA A	NEUROBIOLOGY	21,000
INSTITUTION TOTAL	7	186,900	
UNIVERSITY OF SOUTHERN CALIFORNIA 1F05 TW04278-01 1F32 DE05570-01 1F32 NS08723-01	COBAS, ALBERTO COUVENHOVEN, ROSS I DUNIA, RICHARD	NEUROBIOLOGY DEVELOPMENTAL BIOLOGY DEVELOPMENTAL BIOLOGY	26,270 34,500 21,000
INSTITUTION TOTAL	3	81,770	
CITY TOTAL	10	268,670	
PASADENA CALIFORNIA INSTITUTE OF TECHNOLOGY 1F32 GM13100-01 1F32 HL08152-01 1F32 GM13039-01	DREWS, GARY N HOGER, JEFFREY H SETO, DONALD	BOTANY LIMNOLOGY BIOLOGY	
INSTITUTION TOTAL	3	69,000	
CITY TOTAL	3	69,000	
SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1F32 DK08221-01A1 1F32 AI08090-01 1F32 GM13475-01 1F32 GM13119-01	BRENTANO, STEVEN T DAHER, KATHLEEN A DE YOUNG, LINDA R HURLE, MARK R	ENDOCRINOLOGY EPIDEMIOLOGY ORGANIC CHEMISTRY BIOCHEMISTRY	28,000 20,000 20,000 28,000
1F32 GM13030-01 1F32 HL08132-01 1F32 GM13396-01 1F32 GM12959-01	LOER, CURTIS M MCCLUSKEY, EDWARD R NISHIDA, CRAIG H NUNNARI, JODI M	DEVELOPMENTAL BIOLOGY LIMNOLOGY BIOCHEMISTRY BIOCHEMISTRY	21,000 30,500 21,000 20,000
1F05 TW04258-01 1F06 TW041462-01	RABINOVIC, JARON TEITEL, DAVID F	ENDOCRINOLOGY PHYSIOLOGY	27,000 34,051
INSTITUTION TOTAL	10	249,551	
CITY TOTAL	10	249,551	
SOUTH SAN FRANCISCO GENENTECH, INC. 1F32 GM13560-01	LOWMAN, HENRY B	MOLECULAR BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	20,000	
CALIFORNIA			
STANFORD UNIVERSITY 1F32 GM12802-01A1	BRASCH, MICHAEL A	BIOLOGY	21,000
1F32 NS08737-01	KAUER, JULIE A	NEUROBIOLOGY	28,000
1F32 GM13451-01	SCHOLTZ, JOHN M	BIOCHEMISTRY	20,000
1F05 TW04275-01	VINCENT, JOHN	PHARMACOLOGY	28,400
1F32 NS08729-01	WAGNER, JOHN A	PHYSIOLOGY	21,000
INSTITUTION TOTAL	5	118,400	
CITY TOTAL	5	118,400	
STATE TOTAL	40	401,065	
COLORADO			
BOULDER UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO AT BOULDER 1F33 NS08731-01	WEILL, CHERYL L	NEUROBIOLOGY	33,000
INSTITUTION TOTAL	1	33,000	
CITY TOTAL	1	33,000	
DENVER			
NATIONAL JEWISH CENTER FOR IMMUNOLOGY AND RESPIRATORY MEDICINE 1F32 GM13215-01	FADOK, VALERIE A	ANATOMY	21,000
INSTITUTION TOTAL	1	21,000	
UNIVERSITY OF COLORADO SYSTEM--UNIVERSITY OF COLORADO HEALTH SCIENCES CENTER 1F32 DK08296-01	GIBSON, RICHARD K	BIOCHEMISTRY	34,500
INSTITUTION TOTAL	1	34,500	
CITY TOTAL	2	55,500	
STATE TOTAL	3	88,500	
CONNECTICUT			
NEW HAVEN YALE UNIVERSITY 1F05 TW04340-01	FLORIN-CHRISTENSEN, JORGE	CELL BIOLOGY	24,920

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CONNECTICUT NEW HAVEN YALE UNIVERSITY 1F05 TW04339-01 1F32 HL08034-01 1F32 NS08784-01 1F32 GM13125-01 1F32 DK08376-01 1F33 GM13350-01	FLORIN-CHRISTENSEN, MONICA O KOLANSKY, DANIEL M MC CLINTOCK, TIMOTHY S VOCKLEY, GERARD WOLENSKI, JOSEPH S ZWICK, MARTIN	CELL BIOLOGY MOLECULAR BIOLOGY COMMUNICATIVE SCIENCES GENETICS CELL BIOLOGY BIOPHYSICS	24,920 31,750 20,000 31,750 21,000 33,000
INSTITUTION TOTAL CITY TOTAL	7	187,340	
STATE TOTAL	7	187,340	
DIST OF COL WASHINGTON GEORGETOWN UNIVERSITY 1F05 TW04328-01 1F32 NS08750-01	DING, XUAN-ZHOU ZREBEET, HAFEZ A	NEUROBIOLOGY PHARMACOLOGY	25,600 34,500
INSTITUTION TOTAL CITY TOTAL	2	60,100	
STATE TOTAL	2	60,100	
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1F32 EY06232-01 1F32 NS08743-01 1F32 DK08373-01	CALMAN, BRUCE G FALLON, SUSAN M MALLASAÑOS, TOREE H	BIOCHEMISTRY PSYCHOPHYSICS ENDOCRINOLOGY	21,000 20,000 31,750
INSTITUTION TOTAL CITY TOTAL	3	72,750	
TALLAHASSEE STATE UNIVERSITY SYSTEM OF FLORIDA--FLORIDA STATE UNIVERSITY 1F32 GM13200-01	DEBRY, RONALD W	GENETICS	20,000
INSTITUTION TOTAL CITY TOTAL	1	20,000	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
FLORIDA			
TAMPA STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF SOUTH FLORIDA	RULI HALLEGIR	ENDOCRINOLOGY	21,450
1F05 TW04300-01	SAURO, MARIE D	PHARMACOLOGY	20,000
1F32 HL08103-01			
INSTITUTION TOTAL	2		41,450
CITY TOTAL			41,450
STATE TOTAL	6		134,200
GEORGIA			
ATLANTA			
EMORY UNIVERSITY	HARP, JOYCE B	ENDOCRINOLOGY	31,750
1F32 DK08346-01			
INSTITUTION TOTAL	1		31,750
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--CENTERS FOR DISEASE CONTROL			
1F05 TW04295-01	TSWANA, SAM A	VIROLOGY	27,564
INSTITUTION TOTAL	1		27,564
CITY TOTAL	2		59,314
STATE TOTAL	2		59,314
ILLINOIS			
CHAMPAIGN			
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN	JACKSON, JANE A	PHYSIOLOGY	29,250
1F32 HD07209-01A1	NEIDLE, ELLEN L	BACTERIOLOGY	21,000
1F32 GM13138-01			
INSTITUTION TOTAL	2		50,250
CITY TOTAL	2		50,250
CHICAGO			
RUSH-PRESBYTERIAN-ST. LUKE'S MEDICAL CENTER--RUSH UNIVERSITY	MCCABE, MARGARET A	NURSING	12,500
1F31 NR06468-01			
INSTITUTION TOTAL	1		12,500
UNIVERSITY OF CHICAGO	AGUSTI, ALVAR	PHYSIOLOGY	27,900
1F05 TW04286-01			

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
ILLINOIS CHICAGO UNIVERSITY OF CHICAGO 1F32 DK08349-01	ASPLIN, JOHN R	PHYSIOLOGY	34,500
INSTITUTION TOTAL	2	62,400	
UNIVERSITY OF ILLINOIS AT CHICAGO			
1F31 NR06461-01	KLEINPELL, RUTH M	NURSING	12,500
1F31 NR06399-01	MARTINEZ-SCHALLMOSE, LUCY D	NURSING	12,500
1F05 TW04303-01	HASINDE, LWANDIKO E	PHARMACOLOGY	27,550
1F32 HD07336-01	PARMER, TONI A	DEVELOPMENTAL BIOLOGY	29,250
1F32 HL08059-01	WESTFALL, MARGARET V	PHYSIOLOGY	20,000
INSTITUTION TOTAL	5	101,800	
CITY TOTAL	8	176,700	
DE KALB NORTHERN ILLINOIS UNIVERSITY 1F06 TW01540-01	VARY, PATRICIA S	MOLECULAR BIOLOGY	25,838
INSTITUTION TOTAL	1	25,838	
CITY TOTAL	1	25,838	
STATE TOTAL	11	252,788	
INDIANA WEST LAFAYETTE PURDUE UNIVERSITY WEST LAFAYETTE			
1F32 EY06214-01	BURG, MARTIN G	MOLECULAR BIOLOGY	28,313
1F32 HL08178-01	CHRISTIAN, JOHN A	CHEMISTRY	34,500
INSTITUTION TOTAL	2	62,813	
CITY TOTAL	2	62,813	
STATE TOTAL	2	62,813	
IOWA IOWA CITY UNIVERSITY OF IOWA 1F31 NR06425-01 1F32 HL08047-01	JOHNSON, REBECCA A KADEL, KEITH A	NURSING PHYSIOLOGY	12,500 33,000

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
IOWA IOWA CITY UNIVERSITY OF IOWA 1F32 HL08094-01 1F32 DK08391-01 1F32 NS08674-01A1	RO PETER S SHREVES, THOMAS G VARNER, KURT J	MOLECULAR BIOLOGY NUTRITION PHYSIOLOGY	30,500 30,500 21,000
INSTITUTION TOTAL CITY TOTAL	5	127,500	
STATE TOTAL	5	127,500	
KANSAS KANSAS CITY UNIVERSITY OF KANSAS 1F05 TW04266-01	COLLEGE OF HEALTH SCIENCES AND HOSPITAL VARGA, GABOR	PHYSIOLOGY	27,200
INSTITUTION TOTAL CITY TOTAL	1	27,200	
STATE TOTAL	1	27,200	
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1F05 TW04281-01 1F05 TW04321-01 1F32 NS08765-01 1F32 ES05485-01 1F32 GM13087-01 1F32 GM13159-01	BOTANA, LUIS M COLUMBO, MICHELE GILL, STEVEN R HOLLAND, KOREN A MCNIVEN, MARK A THEODORAKIS, NICHOLAS G	IMMUNOLOGY IMMUNOLOGY GENETICS TOXICOLOGY MOLECULAR BIOLOGY MOLECULAR BIOLOGY	27,800 27,800 20,000 20,000 28,000 20,000
INSTITUTION TOTAL CITY TOTAL	6	143,600	
BETHESDA U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--FOGARTY INTERNATIONAL CENTER 1F15 TW00330-01	WILLIAMS, AKINWOLE O	PATHOLOGY	21,500
INSTITUTION TOTAL	1	21,500	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT 1F35 HD07383-01	AMBROZ, CLARA	PEDIATRIC ENDOCRINOLOGY	33,500

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MARYLAND BETHESDA			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT			
1F35 HD07366-01 1F35 HD07318-01 1F05 TW04324-01	FILLE, JANE E MAYOL-CORRETJER, VANESSA MINUCCI, SERGIO	HUMAN GENETICS ENDOCRINOLOGY PHYSIOLOGY	31,250 27,000 24,175
INSTITUTION TOTAL	4	115,925	28,750
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTE OF DIABETES/DIGEST/KIDNEY DIS			
1F35 DK08253-01	EDWARDS, ROBERT P	INTERNAL MEDICINE	
INSTITUTION TOTAL	1	28,750	
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--NATIONAL INSTITUTES OF HEALTH			
1F15 TW00328-01 1F15 TW00327-01 1F15 TW00329-01	LOYTER, ABRAHAM NICHOLLS, JOHN G STEINBERG, IZCHAK Z	BIOCHEMISTRY NEUROBIOLOGY BIOPHYSICS	25,000 25,000 25,000
INSTITUTION TOTAL	3	75,000	
CITY TOTAL	9	241,175	
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
1F32 GM13211-01	POOLE, LESLIE B	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	
ROCKVILLE			
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES--ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION			
1F05 TW04197-01	MOREL, ALAIN Y	NEUROBIOLOGY	24,000
INSTITUTION TOTAL	1	24,000	
CITY TOTAL	1	24,000	
STATE TOTAL	17	429,775	
MASSACHUSETTS			
BOSTON			
BETH ISRAEL HOSPITAL			
1F05 TW04332-01	MASLINSKI, WLODZIMIERZ	IMMUNOLOGY	27,700
INSTITUTION TOTAL	1	27,700	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MASSACHUSETTS BOSTON BOSTON UNIVERSITY 1F32 DK08395-01	EGLOW, RICHARD L	CELL BIOLOGY	33,000
INSTITUTION TOTAL	1	33,000	
BRIGHAM AND WOMEN'S HOSPITAL 1F32 AI08110-01 1F32 DK08409-01 1F32 A107972-01A1 1F32 HL08177-01 1F32 DK08321-01	MADOFF, LAWRENCE C NUSRAT ASMA RAVENSRAFT, MARK D STAHLER, JONATHAN S WASSERMAN, JAMES C	BACTERIOLOGY PATHOLOGY IMMUNOLOGY CELL BIOLOGY PHYSIOLOGY	34,500 34,500 33,000 30,500 30,500
INSTITUTION TOTAL	5	163,000	
DANA-FARBER CANCER INSTITUTE 1F32 CA08749-01 1F32 NS08764-01 1F32 DK08353-01 1F05 TW04215-01	DABROWSKI, CHRISTINE E GINTY, DAVID D MICHALOWSKY, LESLEY A VIVIER, ERIC	VIROLOGY NEUROBIOLOGY BIOLOGY IMMUNOLOGY	21,000 20,000 21,000 25,800
INSTITUTION TOTAL	4	87,800	
HARVARD UNIVERSITY 1F32 EY06230-01 1F05 TW04273-01 1F32 GM13019-01 1F32 GM13201-01 1F31 NR06341-01A1	LILLIEN, LAURA E MERIGHI, ADALBERTO PRELICH, GREGORY RYAN, KATHLEEN A SIEGEL, JOANNA E	GENERAL GENETICS NEUROBIOLOGY GENETICS BIOLOGY HEALTH ADMINISTRATION AND PUBLIC HEALTH NURSING	29,250 28,720 20,000 21,000 12,500
INSTITUTION TOTAL	5	111,470	
JOSLIN DIABETES CENTER 1F05 TW04319-01 1F32 DK08366-01	CSERMELY, PETER WILDEN, PETER A	BIOCHEMISTRY PHYSIOLOGY	27,850 21,000
INSTITUTION TOTAL	2	48,850	
MASSACHUSETTS GENERAL HOSPITAL 1F05 TW04313-01 1F05 TW04312-01 1F32 GM12865-01A1 1F32 HL08110-01 1F32 HD07325-01	DUZIC, EMIR M FROSTELL, CLAES G GALLO, GREGORY J LUCCHÈSI, PAMELA A WEISS, JEFFREY	ENDOCRINOLOGY PHYSIOLOGY MOLECULAR BIOLOGY CELL BIOLOGY PHYSIOLOGY	28,200 27,800 21,000 20,000 28,000
INSTITUTION TOTAL	5	125,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	23	596,820	
MASSACHUSETTS			
CAMBRIDGE			
HARVARD UNIVERSITY			
1F32 GM13438-01	ELLENBERGER, THOMAS E	BIOPHYSICS	33,000
1F32 GM13124-01	HSU, TIEN	DEVELOPMENTAL BIOLOGY	20,000
1F32 GM12961-01	MC CORMICK, JOSEPH R	DEVELOPMENTAL BIOLOGY	20,000
1F32 GM13250-01	MYLES, DAVID C	CHEMISTRY	20,000
1F05 TW04246-01	RATANATHAM, SUPAPORN	PHARMACOLOGY	27,800
1F32 GM13238-01	WILLEY, JOANNE M	MOLECULAR BIOLOGY	21,000
INSTITUTION TOTAL	6	141,800	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
1F32 NS08787-01	CHADWICK, ROBIN A	NEUROBIOLOGY	21,000
1F05 TW04233-01	LABOUESSE, MICHEL	DEVELOPMENTAL BIOLOGY	27,700
1F32 GM13300-01	LECKBAND, DEBORAH E	CHEMICAL ENGINEERING	21,000
1F32 GM13203-01	MUSIER, KARIN M	BIOLOGY	20,000
1F32 GM13557-01	SPENCER, RICHARD G	BIOPHYSICS	28,000
1F32 GM13221-01	SWAGER, TIMOTHY M	CHEMISTRY	21,000
1F32 GM13318-01	UN, SUN	BIOPHYSICS	28,000
1F32 NS08536-01A1	WHITE, KRISTIN	GENETICS	21,000
1F32 GM13271-01	WILLIAMS, LOREN D	BIOPHYSICS	29,250
INSTITUTION TOTAL	9	216,950	
CITY TOTAL	15	358,750	
NEWTON			
BOSTON COLLEGE			
1F31 NR06444-01	RADWIN, LAUREL E	NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL AT WORCESTER			
1F32 NS08746-01	HOWLAND, DAVIS S	NEUROBIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
STATE TOTAL	40	988,070	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN AT ANN ARBOR			
1F32 DK08405-01	BACHWICH, DALE R	CELL BIOLOGY	31,750
1F32 DK08401-01	CRAWFORD, KENNETH M	PHYSIOLOGY	21,000
1F31 NR06383-01	HOLDEN, JANEAN E	NURSING	12,500
1F31 NR06397-01	LAMYAK, SUSAN E	NURSING	12,500
1F32 GM13457-01	PLAUTZ, GREGORY E	MOLECULAR BIOLOGY	31,750
1F32 NR06446-01	RALEIGH, EDITH D	NURSING	34,500
INSTITUTION TOTAL	6	144,000	
CITY TOTAL	6	144,000	
STATE TOTAL	6	144,000	
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL			
1F32 GM12996-01A1	HENDRICH, MICHAEL P	PHYSICS	21,000
1F32 HL08162-01	IRWIN, ERIC D	BIOCHEMISTRY	29,250
1F32 HL08045-01	PATH, GREGORY J	PHYSIOLOGY	31,750
1F32 EY06213-01	THORESON, WALLACE B	PHYSIOLOGY	20,000
1F32 GM12792-01A1	TRUE, ANNE E	BIOPHYSICS	21,000
INSTITUTION TOTAL	5	123,000	
CITY TOTAL	5	123,000	
ROCHESTER			
INDIVIDUAL AWARD--MILLIKAN, CLARK			
1F32 GM13265-01	FELMLEE, TERESA A	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	1	21,000	
MAYO FOUNDATION			
1F32 EY06206-01	WATSKY, MITCHELL A	PHYSIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	2	41,000	
STATE TOTAL	7	164,000	
MISSOURI			
SAINt LOUIS			
WASHINGTON UNIVERSITY			
1F05 TW04210-01	GIBSON, MARK A	PATHOLOGY	29,300

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AWARDED

FIELD OF INTEREST

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
MISSOURI SAINT LOUIS WASHINGTON UNIVERSITY 1F05 TW04238-01 1F32 NS08757-01	MARCHETTI, PIERO STUDELSKA, DANIEL R JR	PHYSIOLOGY NEUROBIOLOGY	29,000 28,000
INSTITUTION TOTAL CITY TOTAL	3	86,300	
STATE TOTAL	3	86,300	
NEW HAMPSHIRE HANOVER DARTMOUTH COLLEGE 1F32 DK08352-01	MORGANELLI, CHRISTINE M	ENDOCRINOLOGY	28,000
INSTITUTION TOTAL CITY TOTAL	1	28,000	
STATE TOTAL	1	28,000	
NEW JERSEY PISCATAWAY UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY-ROBERT WOOD JOHNSON MEDICAL SCHOOL 1F32 A108067-01 1F32 EY06227-01	ARNOLD, GAIL F SOKOL, KATHLEEN J	VIROLOGY PATHOLOGY	28,000 20,000
INSTITUTION TOTAL CITY TOTAL	2	48,000	
PRINCETON PRINCETON UNIVERSITY 1F32 GM13362-01 1F32 NS08730-01 1F32 HL08116-01	EADS, DANIEL D KISSÉN, INNA RODGERS, KENTON R	BIOPHYSICS NEUROBIOLOGY DERMATOLOGY/SYPHILOLOGY	20,000 20,000 20,000
INSTITUTION TOTAL CITY TOTAL	3	60,000	
RAHWAY MERCK AND COMPANY--MERCK SHARP AND DOHME RESEARCH LABORATORIES 1F33 GM13340-01	GAFFNEY, THOMAS E	PHARMACOLOGY	19,167
INSTITUTION TOTAL	1	19,167	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1	19,167	
STATE TOTAL	6	127,167	
NEW YORK ALBANY NEW YORK STATE COUNCIL FOR MENTAL HYGIENE PLANNING IF05 TW04318-01	JEZIOROWSKA, ANNA	GENETICS	28,300
INSTITUTION TOTAL	1	28,300	
CITY TOTAL		28,300	
ITHACA CORNELL UNIVERSITY 1F06 TW01527-01	GOLDBERG, MICHAEL L	GENETICS	10,467
INSTITUTION TOTAL	1	10,467	
CORNELL UNIVERSITY ITHACA 1F05 TW04302-01 1F32 NS08470-01A1 1F06 TW01541-01	ANDRESSON, OLAFUR S BARO, DEBORAH J GLEED, ROBIN D	VIROLOGY NEUROBIOLOGY PHYSIOLOGY	27,725 32,000 32,200
INSTITUTION TOTAL	3	80,925	
CITY TOTAL	4	91,392	
NEW YORK COLUMBIA UNIVERSITY--BARNARD COLLEGE 1F32 NS08783-01	LE SAUTER, JOSEPH J	PHYSIOLOGICAL PSYCHOLOGY AND PSYCHOBIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK 1F32 NS08761-01 1F32 GM13552-01 1F32 GM13026-01 1F32 NS08779-01 1F32 NS08586-01A1 1F32 NS08759-01	BAIRD, DOUGLAS H BOEHM, MARCUS F GATTI, DOMENICO L GRIFFITH, LESLIE C REICHLING, DAVID B WOLSZON, LAURA R	PHYSIOLOGY ORGANIC CHEMISTRY GENETICS NEUROBIOLOGY NEUROBIOLOGY NEUROBIOLOGY	21,000 21,000 34,500 28,000 20,000 20,000
INSTITUTION TOTAL	6	144,500	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NEW YORK			
NEW YORK UNIVERSITY IF05 TW04200-01 IF05 TW04274-01	IOANNIDES, DEMETRIOS WALDEN, PAUL D	IMMUNOLOGY MOLECULAR BIOLOGY	28,000 23,800
INSTITUTION TOTAL	2	51,800	
ROCKEFELLER UNIVERSITY IF32 NS08724-01 IF05 TW04263-01 IF32 GM13244-01 IF32 NS08762-01	HOLTZMAN, DAVID A HOLVIGUE, LORETO MALIK, SOHAIL MENDELSON, SCOTT D	NEUROBIOLOGY MOLECULAR BIOLOGY BIOLOGY ENDOCRINOLOGY	20,000 27,875 21,000 21,000
INSTITUTION TOTAL	4	89,875	
CITY TOTAL	13	306,175	
ROCHESTER UNIVERSITY OF ROCHESTER IF32 EY06184-01A1	HIGGINS, ROSEMARY D	PEDIATRICS	31,750
INSTITUTION TOTAL	1	31,750	
CITY TOTAL	1	31,750	
UPTON ASSOCIATED UNIVERSITIES-BROOKHAVEN NATIONAL LABORATORY IF05 TW04231-01	MAZARIEGOS-FERNANDEZ, MANOLO	NUTRITION	27,500
INSTITUTION TOTAL	1	27,500	
CITY TOTAL	1	27,500	
STATE TOTAL	20	485,117	
NORTH CAROLINA CHAPEL HILL UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL IF32 GM13463-01 IF06 TW01477-01 IF32 GM13167-01 IF32 ES05486-01	BARCLAY, JULIETTE B FREILINGER, JEFFREY A LEE, GRET A M SELBY, CHRISTOPHER P	BIOCHEMISTRY IMMUNOLOGY ANATOMY MUTAGENESIS	28,000 33,038 20,000 28,000
INSTITUTION TOTAL	4	109,038	
CITY TOTAL	4	109,038	

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RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY 1F05 TW04237-01	MAIA, FRANCISCO J S	NUTRITION	29,300
INSTITUTION TOTAL CITY TOTAL	1		29,300
STATE TOTAL	5		138,338
OHIO			
CINCINNATI UNIVERSITY OF CINCINNATI AT CINCINNATI 1F32 HL08097-01	ENNIS, MATTHEW	PHARMACOLOGY	28,000
INSTITUTION TOTAL CITY TOTAL	1		28,000
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY 1F05 TW04229-01	GRAS, PATRICK	AGING PROCESS	27,800
INSTITUTION TOTAL CITY TOTAL	1		27,800
COLUMBUS			
OHIO STATE UNIVERSITY 1F31 NR06373-01 1F32 NS08772-01 1F31 NR06374-01	AHILEVYCH, KAREN L COTICCHIA, JAMES J MARTINEZ, NEILDA C	NURSING MICROBIOLOGY NURSING	12,500 29,250 12,500
INSTITUTION TOTAL CITY TOTAL	3		54,250
STATE TOTAL	5		110,050
OKLAHOMA			
OKLAHOMA CITY			
OKLAHOMA MEDICAL RESEARCH FOUNDATION 1F32 HL08004-01A1	WILSON, PAUL R	BIOCHEMISTRY	31,750
INSTITUTION TOTAL	1		31,750

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
OKLAHOMA OKLAHOMA CITY UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER 1F06 TW01400-01A1	DE BAULT, LAWRENCE E	PATHOLOGY	17,150
INSTITUTION TOTAL CITY TOTAL	1 2	17,150 48,900	
STATE TOTAL	2	48,900	
OREGON CORVALLIS OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY 1F32 ES05483-01	DEYO, LAURIE C	ENVIRONMENTAL TOXICOLOGY	21,000
INSTITUTION TOTAL CITY TOTAL	1 1	21,000 21,000	
PORTLAND GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER 1F05 TW04292-01	CAPUTI, ANGEL A	PHYSIOLOGY	29,000
INSTITUTION TOTAL	1	29,000	
PROVIDENCE MEDICAL CENTER 1F32 HL08101-01	SELF, DAVID A	PHYSIOLOGY	21,000
INSTITUTION TOTAL CITY TOTAL	1 2	21,000 50,000	
STATE TOTAL	3	71,000	
PENNSYLVANIA HERSHEY PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHY MEDICAL CENTER 1F06 TW01515-01	ZELIS, ROBERT	PHYSIOLOGY	34,114
INSTITUTION TOTAL CITY TOTAL	1 1	34,114 34,114	
PHILADELPHIA THOMAS JEFFERSON UNIVERSITY 1F05 TW04091-01	ADANY, ROZA	PATHOLOGY	28,900

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RESEARCH FELLOWSHIP AWARDS**

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA THOMAS JEFFERSON UNIVERSITY 1F06 TW01526-01	MURPHY, SCOTT	CELL BIOLOGY	28,052
INSTITUTION TOTAL	2	56,952	
UNIVERSITY OF PENNSYLVANIA 1F05 TW04265-01 1F06 TW01547-01 1F32 DK08343-01 1F32 DK08404-01	GAOLI GYONGYI LEBOY, PHOEBE S MEYERS, CATHERINE M RANDAZZO, PAUL A	NEUROBIOLOGY DEVELOPMENTAL BIOLOGY IMMUNOLOGY BIOCHEMISTRY	25,500 33,040 31,750 29,250
INSTITUTION TOTAL	4	119,540	
CITY TOTAL	6	176,492	
PITTSBURGH CARNEGIE-MELLON UNIVERSITY 1F32 GM13179-01	WILSON, RUSSELL B	ANATOMY	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	1	28,000	
STATE TOTAL	8	238,606	
SOUTH CAROLINA CHARLESTON MEDICAL UNIVERSITY OF SOUTH CAROLINA 1F32 DK08332-01 1F05 TW04216-01	PORTER, TOM E SILVA, RICARDO H	ENDOCRINOLOGY PHYSIOLOGY	21,000 28,000
INSTITUTION TOTAL	2	49,000	
CITY TOTAL	2	49,000	
STATE TOTAL	2	49,000	
TENNESSEE KNOXVILLE UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE AT KNOXVILLE 1F33 ES05484-01	BECK, DORIS J	MUTAGENESIS	29,840
INSTITUTION TOTAL	1	29,840	
CITY TOTAL	1	29,840	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TENNESSEE NASHVILLE VANDERBILT UNIVERSITY IF05 TW04293-01	TOFOVIC, STEVAN P	PHARMACOLOGY	28,400
INSTITUTION TOTAL	1	28,400	
CITY TOTAL	1	28,400	
STATE TOTAL	2	58,240	
TEXAS AUSTIN UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN 1F31 NR06398-01	HEYDEN, RICHARD F	NURSING	12,500
INSTITUTION TOTAL	1	12,500	
CITY TOTAL	1	12,500	
COLLEGE STATION TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS A & M UNIVERSITY AT COLLEGE STATION IF32 NS08714-01	ALBERTS, ALLISON C	BIOLOGY	20,000
INSTITUTION TOTAL	1	20,000	
CITY TOTAL	1	20,000	
DALLAS UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS 1F05 TW04307-01	KARANTH, SHARADA	PHYSIOLOGY	28,200
IF32 HL08085-01	MORGAN, BARBARA J	PHARMACOLOGY	21,000
1F32 GM12547-01A1	SPERRY, ANN O	BIOCHEMISTRY	21,000
INSTITUTION TOTAL	3	70,200	
CITY TOTAL	3	70,200	
GALVESTON UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH IF32 NS08728-01	NOVICKI, ANDREA	NEUROBIOLOGY	21,000
INSTITUTION TOTAL	1	21,000	
CITY TOTAL	1	21,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
TEXAS HOUSTON BAYLOR COLLEGE OF MEDICINE 1F05 TW04242-01 1F32 EY06172-01A2	LEVY, FINN O PITTLER, STEVEN J	ENDOCRINOLOGY OPHTHALMOLOGY	25,600 20,000
INSTITUTION TOTAL	2	45,600	
UNIVERSITY OF HOUSTON SYSTEM--UNIVERSITY OF HOUSTON-UNIVERSITY PARK 1F32 GM13367-01	WHEELER, RALPH A	BIOCHEMISTRY	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	3	73,600	
SAN ANTONIO SOUTHWEST FOUNDATION FOR BIOMEDICAL RESEARCH 1F32 GM12782-01A1	BLANGER, JOHN C	GENETICS	28,000
INSTITUTION TOTAL	1	28,000	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO 1F05 TW04221-01 1F05 TW04264-01	CHOI, SOO B DE KEYSER, FILIP J G	ENDOCRINOLOGY IMMUNOLOGY	27,900 28,900
INSTITUTION TOTAL	2	56,800	
CITY TOTAL	3	84,800	
STATE TOTAL	12	282,100	
UTAH SALT LAKE CITY UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH 1F05 TW04271-01	EUGENIN, JAIME L	NEUROBIOLOGY	28,050
INSTITUTION TOTAL	1	28,050	
CITY TOTAL	1	28,050	
STATE TOTAL	1	28,050	
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE 1F32 DK08390-01	BRODSKY, IRWIN G	ENDOCRINOLOGY	31,750

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
VERMONT BURLINGTON UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE IF05 TW04252-01	VERMA, ASHOK	NEUROBIOLOGY	27,930
INSTITUTION TOTAL CITY TOTAL	2	59,680	
STATE TOTAL	2	59,680	
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE IF32 NS08781-01	MANGAN, PATRICK S	NEUROBIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	1	20,000	
RICHMOND VIRGINIA COMMONWEALTH UNIVERSITY IF32 HL08104-01	DUDLEY, SAMUEL C, JR	PHYSIOLOGY	20,000
INSTITUTION TOTAL CITY TOTAL	1	20,000	
STATE TOTAL	2	40,000	
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER IF32 GM13277-01	BENEZRA, ROBERT	MOLECULAR BIOLOGY	30,500
IF32 NS08758-01	BOWERMAN, BRUCE A	DEVELOPMENTAL BIOLOGY	20,000
INSTITUTION TOTAL	2	50,500	
UNIVERSITY OF WASHINGTON IF32 NS08716-01	DEYERLE, KAREN L	NEUROBIOLOGY	20,000
IF31 NR06273-01A2	ERSEK, MARY T	NURSING	12,500
IF32 HL08155-01	GLENNY, ROBB W	PULMONARY DISEASES	31,750
IF05 TW04277-01	HOKLAND, BJORN M	BIOCHEMISTRY	28,010
IF32 NS08775-01	HSU, SEAN S-F	NEUROBIOLOGY	29,250
IF31 NR06412-01	MOODY, KIMBERLY A	NURSING	12,500

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
WASHINGTON SEATTLE UNIVERSITY OF WASHINGTON 1F32 NR06384-01 1F31 NR06401-01 1F32 A108150-01 1F32 NS08722-01 1F32 NS08315-01A2 1F32 NS08745-01 1F31 NR06367-01	PATTERSON, DIANA L POWELL-COPE, GAIL M RITCHIE, KINDRED A ROBINOW, STEVEN N SILBERGELD, DANIEL L THOMSEN, WILLIAM J WESTFALL, UNA E	SOCIAL/BEHAVIORAL SCIENCES NURSING IMMUNOLOGY NEUROBIOLOGY NEUROBIOLOGY PHARMACOLOGY NURSING	30,500 12,500 30,500 20,000 31,750 20,000 12,500
INSTITUTION TOTAL CITY TOTAL	13 15	291,760 342,260	
STATE TOTAL	15	342,260	
WISCONSIN MADISON UNIVERSITY OF WISCONSIN SYSTEM-MADISON 1F05 TW04211-01 1F31 NR06437-01 1F32 GM12953-01 1F31 NR06420-01 1F32 GM13186-01 1F05 TW04298-01 1F32 HL08136-01 1F05 TW04228-01	CHUNG, KI-CHUL JADACK, ROSEMARY A KILEY, PATRICIA J LENNIE, TERRY A OSTREM, VOULA POIAKOWSKI, IGOR J SOTILLE, JANE M TOLOSA DE TALAMONI, NORI	UNIVERSITY OF WISCONSIN SYSTEM-MADISON MICROBIOLOGY NURSING MOLECULAR BIOLOGY NURSING DEVELOPMENTAL BIOLOGY IMMUNOLOGY BIOCHEMISTRY MOLECULAR BIOLOGY	27,800 12,500 28,000 12,500 21,000 25,475 21,000 28,065
INSTITUTION TOTAL CITY TOTAL	8 8	176,340 176,340	
STATE TOTAL	8	176,340	
FRANCE PARIS PASTEUR INSTITUTE 1F32 GM12539-01A1	HILL, JOSEPH A, JR	NEUROBIOLOGY	25,000
INSTITUTION TOTAL CITY TOTAL	1 1	25,000 25,000	
STATE TOTAL	1	25,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
GERMANY FED R GOTTINGEN GEORG AUGUST UNIVERSITY OF GOTTINGEN 1F06 TWO1520-01	FLUHARTY, ARVAN L	BIOCHEMISTRY	33,200
INSTITUTION TOTAL	1	33,200	
CITY TOTAL		33,200	
MUNICH MAX PLANCK SOCIETY FOR THE ADVANCEMENT OF SCIENCE--INSTITUTE FOR BIOCHEMISTRY 1F06 TWO1501-01			
INSTITUTION TOTAL	1	26,153	26,153
CITY TOTAL	1	26,153	
STATE TOTAL	2	59,353	
NETHERLANDS MAASTRICHT STATE UNIVERSITY OF LIMBURG			
1F33 HL08027-01	ABEL, FRANCIS L	PHYSIOLOGY	
INSTITUTION TOTAL	1	26,321	
CITY TOTAL	1	26,321	
STATE TOTAL	1	26,321	
SWEDEN STOCKHOLM CAROLINE INSTITUTE			
1F32 NS08732-01	PIERIBONE, VINCENT A	NEUROBIOLOGY	17,000
INSTITUTION TOTAL	1	17,000	
CITY TOTAL	1	17,000	
STATE TOTAL	1	17,000	
UNITED KINGDOM CAMBRIDGE UNIVERSITY OF CAMBRIDGE			
1F32 EY06112-01A1	WEBSTER, MICHAEL A	EXPERIMENTAL AND GENERAL PSYCHOLOGY	17,000
INSTITUTION TOTAL	1	17,000	

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	DOLLARS AWARDED
CITY TOTAL	1		17,000
UNITED KINGDOM			
LONDON			
IMPERIAL CANCER RESEARCH FUND			
1F33 HD07301-01	CUNHA, GERALD R	ENDOCRINOLOGY	32,850
INSTITUTION TOTAL	1		32,850
CITY TOTAL	1		32,850
STATE TOTAL	2		49,850
TOTAL	260		6,414,777

NIH
 RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	NIH DOOLARS AWARDED
ALABAMA BIRMINGHAM UNIVERSITY OF ALABAMA SYSTEM--UNIVERSITY OF ALABAMA AT BIRMINGHAM 1K07 HL02327-01 BAILEY, WILLIAM C 1K15 DE00283-01 BODDEN, MARTIN K		PREVENTIVE PULMONARY ACADEMIC AWARD METALLOPROTEINASE INHIBITOR/TMP/COLLAGEN REMODELING	86,346 78,078
INSTITUTION TOTAL CITY TOTAL	2	164,424 164,424	
MOBILE UNIVERSITY OF SOUTH ALABAMA 1K11 AI00922-01 MARKS, GILBERT L		GENETICS OF RICKETTSIA PROWAZEKII SURFACE ANTIGENS	75,589
INSTITUTION TOTAL CITY TOTAL	1	75,589 75,589	
STATE TOTAL	3	240,013	
CALIFORNIA DAVIS UNIVERSITY OF CALIFORNIA AT DAVIS 1K07 HL01942-01A2 AMSTERDAM, EZRA A 1K01 AG00429-01A1 MC DONALD, ROGER B		PREVENTIVE CARDIOLOGY ACADEMIC AWARD AGING, HIGH SUCROSE DIETS AND PANCREATIC FUNCTION	113,558 50,887
INSTITUTION TOTAL CITY TOTAL	2	164,445 164,445	
LA JOLLA UNIVERSITY OF CALIFORNIA AT SAN DIEGO 1K11 EY00309-01 BRITT, STEVEN G		MOLECULAR GENETICS OF RHODOPSIN & VISUAL TRANS IN DROSOP	67,387
INSTITUTION TOTAL CITY TOTAL	1	67,387 67,387	
LOS ANGELES UNIVERSITY OF CALIFORNIA AT LOS ANGELES 1K04 CA01351-01A1 BARKSKY, SANFORD H 1K04 DE00282-01 MIYASAKI, KENNETH T		TUMOR CELL-DESMOPLASTIC RESPONSE INTERACTIONS CONTROL OF PERIODONTAL BACTERIA BY NEUTROPHILS	54,432 53,568
INSTITUTION TOTAL CITY TOTAL	2	108,000 108,000	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CALIFORNIA SAN FRANCISCO UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO 1K11 AG00445-01 1K08 AR01819-01	HOLTZMAN, DAVID M ORY, PETER A	TRISOMY 16 & NGF--EFFECTS ON CNS GENE EXPRESSION CHARACTERIZATION OF CD16 ON NEUTROPHILS	71,523 75,008
INSTITUTION TOTAL CITY TOTAL	2	146,531 146,531	
SANTA CRUZ UNIVERSITY OF CALIFORNIA AT SANTA CRUZ 1K04 GM00546-01	ARES, MANUEL	STRUCTURE AND FUNCTION OF YEAST SNRNP5	53,167
INSTITUTION TOTAL CITY TOTAL	1	53,167 53,167	
STANFORD STANFORD UNIVERSITY 1K07 HL02268-01 1K01 AG00440-01 1K08 DK01929-01	FARQUHAR, JOHN W KING, ABBY C SCHEVING, LAWRENCE A	PREVENTIVE CARDIOLOGY ACADEMIC AWARD EXERCISE AND STRESS-RELATED RESPONSE IN OLDER ADULTS COLI HEAT STABILE ENTEROTOXIN AND INTESTINAL RECEPTOR	108,221 61,865 76,787
INSTITUTION TOTAL CITY TOTAL	3	246,839 246,839	
STATE TOTAL	11	786,369	
COLORADO FORT COLLINS COLORADO STATE UNIVERSITY 1K04 GM00536-01	SCHENCK, CRAIG C	REACTION CENTER DYNAMICS	51,840
INSTITUTION TOTAL CITY TOTAL	1 1	51,840 51,840	
STATE TOTAL	1	51,840	
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1K15 DE00253-01A1	BINDER, TERRI A	BASIS OF GENETIC SUSCEPTIBILITY OF MURINE EAE	73,267

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RESEARCH CAREER PROGRAM AWARDS**

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CONNECTICUT FARMINGTON UNIVERSITY OF CONNECTICUT HEALTH CENTER 1K11 DE00286-01 1K15 DE00276-01	KRONMILLER, JAN E REDFORD, DEBORAH A	EFFECTS OF RETINOIDS & GROWTH FACTORS ON BRANCHIAL ARCH MUTATION IDENTIFICATION IN HERITABLE CHONDRODYSSTROPHIES	70,043 58,203
INSTITUTION TOTAL CITY TOTAL	3	201,513 201,513	
NEW HAVEN YALE UNIVERSITY 1K07 HL02316-01 1K11 DK01906-01	BECKETT, WILLIAM S EISEN, THOMAS D	PREVENTIVE PULMONARY ACADEMIC AWARD PH REGULATION IN CULTURED COLLECTING DUCT CELLS	88,085 77,382
INSTITUTION TOTAL CITY TOTAL	2	165,467 165,467	
STATE TOTAL	5	366,980	
FLORIDA GAINESVILLE STATE UNIVERSITY SYSTEM OF FLORIDA--UNIVERSITY OF FLORIDA 1K04 DK01898-01	KELLER-WOOD, MAUREEN E	CONTROL OF CORTICOTROPIN DURING PREGNANCY	52,877
INSTITUTION TOTAL CITY TOTAL	1	52,877 52,877	
MIAMI UNIVERSITY OF MIAMI 1K11 EY00308-01	COUSINS, SCOTT W	CHARACTERIZATION OF LYMPHOCYTE INHIBITOR	64,800
INSTITUTION TOTAL CITY TOTAL	1	64,800 64,800	
STATE TOTAL	2	117,677	
GEORGIA ATLANTA EMORY UNIVERSITY 1K15 DE00287-01 1K08 NS01336-01	DANIEL, MICHAEL A SHOFFNER, JOHN M	MOLECULAR BIOLOGY OF PMN CHEMOTAXIS IN LJP MOLECULAR GENETICS OF MATERNALLY TRANSMITTED DISEASE	64,281 63,504

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RESEARCH CAREER PROGRAM AWARDS**

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
GEORGIA ATLANTA EMORY UNIVERSITY 1K11 DE00288-01	TIMMIS, DAVID P	CORRELATION OF JAW MUSCLE HISTOLOGY AND PHYSIOLOGY	70,139
INSTITUTION TOTAL CITY TOTAL	3	197,924	197,924
STATE TOTAL	3	197,924	
ILLINOIS CHICAGO UNIVERSITY OF CHICAGO 1K08 HL02376-01	RAY, DANIEL W	NEUROPEPTIDES IN HYPERPNEA-INDUCED BRONCHOCONSTRICITION	64,800
INSTITUTION TOTAL CITY TOTAL	1	64,800	64,800
STATE TOTAL	1	64,800	
IOWA IOWA CITY UNIVERSITY OF IOWA 1K04 DE00234-01A1	KELLER, JOHN C	WOUND HEALING RESPONSES TO Ti IMPLANT SURFACES	54,000
INSTITUTION TOTAL CITY TOTAL	1	54,000	54,000
STATE TOTAL	1	54,000	
KENTUCKY LEXINGTON UNIVERSITY OF KENTUCKY 1K08 CA01416-01 1K04 HL02314-01 1K07 HL02322-01	CHANCELLOR, KAREN DEKIN, MICHAEL S PHILLIPS, BARBARA A	MOLECULAR PATHOLOGY OF LEUKEMIA/LYMPHOID MARKER ROLE OF NEUROCHEMICALS IN RESPIRATORY PATTERN FORMATION PREVENTIVE PULMONARY ACADEMIC AWARD	45,209 49,881 69,752
INSTITUTION TOTAL CITY TOTAL	3	164,842	164,842
STATE TOTAL	3	164,842	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
LOUISIANA NEW ORLEANS XAVIER UNIVERSITY OF LOUISIANA 1K14 HL02134-01A1	OLUBADEWO, JOSEPH O	THYROID STATUS VASCULAR AND OTHER SMOOTH MUSCLE FUNCTION	56,044
INSTITUTION TOTAL CITY TOTAL	1	56,044	56,044
STATE TOTAL	1	56,044	56,044
MARYLAND BALTIMORE JOHNS HOPKINS UNIVERSITY 1K08 NS01359-01 1K08 NS01355-01	JOHNS, DONALD R ROTHSTEIN, JEFFREY D	MOLECULAR BIOLOGIC ANALYSIS OF MITOCHONDRIAL MYOPATHIES DIAZEPAM BINDING INHIBITOR IN HEPATIC ENCEPHALOPATHY	64,368 64,368
INSTITUTION TOTAL	2	128,736	
KENNEDY INSTITUTE , INC. 1K08 NS01329-01	--KENNEDY INSTITUTE FOR HANDICAPPED CHILDREN LATERRA, JOHN J	ADHESION MOLECULES OF BRAIN MICROVESSEL CELLS	65,232
INSTITUTION TOTAL	1	65,232	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND 1K07 HL02263-01 1K15 DE00262-01	MEYERSON, DAVID A VORSTEG, GRACE M	BALTIMORE PROFESSIONAL SCHOOL PREVENTIVE CARDIOLOGY ACADEMIC AWARD DENTIST SCIENTIST AWARD	98,304 60,253
INSTITUTION TOTAL CITY TOTAL	2 5	158,557 352,525	
STATE TOTAL	5	352,525	
MASSACHUSETTS AMHERST UNIVERSITY OF MASSACHUSETTS AT AMHERST 1K04 GM00528-01	FITZGERALD-HAYES, MOLLY	ANALYSIS OF COMPONENTS INVOLVED IN CENTROMERE FUNCTION	56,475
INSTITUTION TOTAL CITY TOTAL	1	56,475 56,475	
BOSTON BETH ISRAEL HOSPITAL 1K08 HL02387-01	CUNNINGHAM, MICHAEL J	INFLUENCE OF MYOCARDIAL HYPERTRPHY--DIASTOLIC FUNCTION	62,208
INSTITUTION TOTAL	1	62,208	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
MASSACHUSETTS BOSTON BRIGHAM AND WOMEN'S HOSPITAL 1K08 DK01886-01 1K04 HL02273-01	RICHARD S BLUMBERG, JOSEPH LOSCALZO,	ASSEMBLY AND FUNCTION OF THE T CELL RECEPTOR/CD3 COMPLEX PLATELETS, PLATELET THROMBI, AND PLASMINOGEN ACTIVATION	76,922 55,322
INSTITUTION TOTAL 1K11 HD00888-01	2	132,244	63,504
CHILDREN'S HOSPITAL 1K11 LEIFER, DANA		THY-1 IN MENTAL RETARDATION AND CNS REGENERATION	63,504
INSTITUTION TOTAL 1K11	1	63,504	
DANA-FARBER CANCER INSTITUTE 1K08 HL02394-01 1K11 AI00903-01A1 1K11 HD00874-01	KOUREMBANAS, STELLA PARKER, CHRISTINE M VIK, TERRY A	REGULATION OF PDGF PRODUCTION BY ENDOTHELIAL CELLS FUNCTIONAL T CELL RECEPTOR GAMMA DELTA CELLS & GENES S6 KINASE ACTIVATION, REGULATION, AND ORGANIZATION	54,000 54,282 64,121
INSTITUTION TOTAL 1K11	3	172,403	
HARVARD UNIVERSITY 1K11 HL02374-01 1K08 AR01824-01 1K08 AI00926-01	FREVERT, CHARLES E GRAVALLÈSE, ELLEN M MCCARTHY, PHILIP L	LUNG MACROPHAGE FUNCTION IN ENDOTOXIN-INDUCED INJURY ROLE OF LIPOPOLYSACCHARIDE IN CONNECTIVE TISSUE DISEASE HOMOLOGOUS RECOMBINATION IN EMBRYONAL STEM CELLS	64,261 73,872 63,504
INSTITUTION TOTAL 1K11	3	201,637	
MASSACHUSETTS GENERAL HOSPITAL 1K11 HL02221-01 1K08 NS01368-01 1K11 AI00930-01 1K08 HL02348-01	DRAHOFF, GLENN MC KEE, ANN C POMERANTZ, ROGER J REED, GUY L	MOLECULAR GENETICS AND HEMATOPOIESIS CYTOSKELETAL DISORGANIZATION ALZHEIMER'S DISEASE CELLULAR TROPISM OF HIV ENHANCING THROMBOLYSIS BY INHIBITION OF A2-ANTIPLASMIN	59,558 68,187 68,295 68,295
INSTITUTION TOTAL 1K08 NS01367-01	4	264,335	
NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. 1K08	DARRAS, BASIL THEODORE	MOLECULAR STUDIES OF SODIUM CHANNELS IN SKELETAL MUSCLE	61,344
INSTITUTION TOTAL CITY TOTAL STATE TOTAL	15	61,344 957,675 014,150	
MINNESOTA MINNEAPOLIS UNIVERSITY OF MINNESOTA OF MINNEAPOLIS-SAINT PAUL 1K08 DK01920-01	SEAQUIST, ELIZABETH R	PGE2, G PROTEINS, AND INSULIN SECRETION	78,192

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RESEARCH CAREER PROGRAM AWARDS**

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
INSTITUTION TOTAL CITY TOTAL	1 1	78,192 78,192	
STATE TOTAL	1	78,192	
MISSISSIPPI MISSISSIPPI STATE UNIVERSITY 1K04 ES00190-01	CHAMBERS, JANICE E	RESEARCH CAREER DEVELOPMENT IN BIOCHEMICAL TOXICOLOGY	51,408
INSTITUTION TOTAL CITY TOTAL	1 1	51,408 51,408	
STATE TOTAL	1	51,408	
MISSOURI KANSAS CITY UNIVERSITY OF MISSOURI-KANSAS CITY 1K11 DE00260-01	SPENCER, PAULETTE	DEVELOPMENT OF A SUBSTRATE FOR TESTING DENTAL ADHESION	70,728
INSTITUTION TOTAL CITY TOTAL	1 1	70,728 70,728	
SAIN T LOUIS WASHINGTON UNIVERSITY 1K04 AI00919-01	WETSEL, RICK A	COMPLEMENT C5 DEFICIENCY--MOLECULAR ANALYSIS	49,279
INSTITUTION TOTAL CITY TOTAL	1 1	49,279 49,279	
STATE TOTAL	2	120,007	
NEW MEXICO ALBUQUERQUE UNIVERSITY OF NEW MEXICO ALBUQUERQUE 1K04 NS01352-01	ROGERS, SHERRY L	LAMININ AND FIBRONECTIN	52,045
INSTITUTION TOTAL CITY TOTAL	1 1	52,045 52,045	
STATE TOTAL	1	52,045	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
NEW YORK BUFFALO STATE UNIVERSITY OF NEW YORK AT BUFFALO 1K08 NS01361-01	LANGAN, THOMAS J	ISOPRENOIDS AND CELL CYCLING IN DEVELOPING GLIAL CELLS	64,800
INSTITUTION TOTAL CITY TOTAL	1	64,800 64,800	
NEW YORK CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE 1K11 EY00306-01	GIZZI, MARTIN S	PROCESSES OF VISUAL TRACKING	69,311
INSTITUTION TOTAL	1	69,311	
COLUMBIA UNIVERSITY--COLUMBIA UNIVERSITY NEW YORK 1K08 CA01501-01	RATECH, HOWARD	ONCOGENES AND HUMAN B CELL TRANSFORMATION	65,504
INSTITUTION TOTAL	1	65,504	
CORNELL UNIVERSITY MEDICAL CENTER 1K04 HL02413-01	SILVERSTEIN, ROY L	MOLECULAR AND CELL BIOLOGY OF A THROMBOSPONDIN RECEPTOR	53,136
INSTITUTION TOTAL	1	53,136	
MEMORIAL SLOAN-KETTERING CANCER CENTER--MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES 1K08 AG00471-01	MANDELBLATT, JEANNE S	BREAST AND CERVIX CANCER CONTROL IN THE ELDERLY	58,968
INSTITUTION TOTAL	1	58,968	
ROCKEFELLER UNIVERSITY 1K11 DK01927-01	SKOLNIK, EDWARD	GLYCOSYLATED PROTEINS--DEVELOPING DIABETIC KIDNEY	60,164
INSTITUTION TOTAL	1	60,164	
YESHIVA UNIVERSITY 1K08 DK01909-01	GUPTA, SANJEEV	GROWTH FACTORS AND LIVER REGENERATION	76,896
INSTITUTION TOTAL CITY TOTAL	1 6	76,896 383,979	
STONY BROOK STATE UNIVERSITY OF NEW YORK AT STONY BROOK 1K11 DE00263-01	GARLICK, JONATHAN A	TISSUE SPECIFIC REPLICATION OF PAPILLOMAVIRUSES	53,654
INSTITUTION TOTAL	1	53,654	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	1	53,654	
STATE TOTAL	8	502,433	
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY 1K08 AG00439-01 1K11 HL02386-01 1K11 EY00304-01A1	EARL, NANCY L LIGGETT, STEPHEN B SCROGGS, MARK W	GENETIC EPIDEMIOLOGY OF LATE ONSET ALZHEIMER'S DISEASE MOLECULAR BASIS OF ADRENERGIC RECEPTOR FUNCTION MECHANISMS OF RADIATION SUPPRESSED CORNEAL ANGIOGENESIS	63,072 63,072 62,360
INSTITUTION TOTAL	3	188,504	
CITY TOTAL	3	188,504	
STATE TOTAL	3	188,504	
OHIO			
CINCINNATI CHILDREN'S HOSPITAL MEDICAL CENTER 1K08 DK01908-01	COHEN, MITCHELL B	REGULATION OF ST ACTION--HUMAN INTESTINAL ST RECEPTOR	74,304
INSTITUTION TOTAL	1	74,304	
CITY TOTAL	1	74,304	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY 1K08 DK01870-01A1	LAKSHMANAN, MARK C	THYROID HORMONE TRANSPORT ACROSS CNS PLASMA MEMBRANES	75,600
INSTITUTION TOTAL	1	75,600	
CITY TOTAL	1	75,600	
STATE TOTAL	2	149,904	
OREGON			
EUGENE OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON 1K04 NS01376-01	GERNSBACHER, MORTON A	COGNITIVE PROCESSES & MECHANISMS IN COMPREHENSION	56,160
INSTITUTION TOTAL	1	56,160	
CITY TOTAL	1	56,160	
STATE TOTAL	1	56,160	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
PENNSYLVANIA PHILADELPHIA INSTITUTE FOR CANCER RESEARCH 1K11 CA01456-01	BECKMAN, ROBERT A	STRUCTURAL & DYNAMIC STUDIES OF PROTEINS BY NMR	56,700
INSTITUTION TOTAL	1	56,700	
TEMPLE UNIVERSITY 1K07 HL02103-01A2	FIEL, STANLEY B	PREVENTIVE PULMONARY ACADEMIC AWARD	87,264
INSTITUTION TOTAL	1	87,264	
CITY TOTAL	2	143,964	
PITTSBURGH UNIVERSITY OF PITTSBURGH AT PITTSBURGH 1K04 AG00431-01A1	BURGIO, KATHRYN L	BEHAVIORAL VS. DRUG INTERVENTION--URINARY INCONTINENCE	45,100
INSTITUTION TOTAL	1	45,100	
CITY TOTAL	1	45,100	
STATE TOTAL	3	189,064	
RHODE ISLAND PROVIDENCE BROWN UNIVERSITY 1K04 ES00193-01	BOEKELHED, KIM	CYTOSKELETAL TARGETS OF NEURONAL/TESTICULAR TOXICANTS	57,456
INSTITUTION TOTAL	1	57,456	
CITY TOTAL	1	57,456	
STATE TOTAL	1	57,456	
TENNESSEE NASHVILLE MEHARRY MEDICAL COLLEGE 1K14 HL02332-01	TRUPIN, JOEL S	MINORITY SCHOOL FACULTY DEVELOPMENT AWARD	62,222
INSTITUTION TOTAL	1	62,222	
VANDERBILT UNIVERSITY 1K08 DK01893-01 1K08 HL02276-01	BARNARD, JOHN A PERKETT, ELIZABETH A	ROLE OF TRANSFORMING GROWTH FACTORS IN THE INTESTINE SMOOTH MUSCLE CELLS & PULMONARY HYPERTENSION	73,397 63,982
INSTITUTION TOTAL	2	137,379	

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
CITY TOTAL	3	199,601	
STATE TOTAL	3	199,601	
TEXAS AUSTIN UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN 1K04 DK01918-01	COBB, MELANIE H	INSULIN-ENHANCED PHOSPHORYLATION OF RIBOSOMAL PROTEIN S6	55,080
INSTITUTION TOTAL	1	55,080	
CITY TOTAL		55,080	
DALLAS UNIVERSITY OF TEXAS 1K11 DK01915-01 1K08 DK01888-01	SYSTEM--UNIVERSITY OF TEXAS LEEFFERT, JONATHAN D STAR, ROBERT A	SOUTHWESTERN MEDICAL CENTER AT DALLAS STRUCTURE AND EXPRESSION OF DIABETES ASSOCIATED PEPTIDE ACID-BASE TRANSPORT IN INNER MEDULLARY COLLECTING DUCTS	76,896 76,680
INSTITUTION TOTAL	2	153,576	
CITY TOTAL	2	153,576	
GALVESTON UNIVERSITY OF TEXAS 1K04 HL02353-01	SYSTEM--UNIVERSITY OF TEXAS KUNA, SAMUEL T	MEDICAL BRANCH LARYNGEAL FUNCTION IN RESPIRATION	54,864
INSTITUTION TOTAL	1	54,864	
CITY TOTAL	1	54,864	
STATE TOTAL	4	263,520	
VIRGINIA CHARLOTTESVILLE UNIVERSITY OF VIRGINIA CHARLOTTESVILLE 1K04 HL02307-01 1K04 HL02272-01	GOMEZ, ROBERTO A GONIÁS, STEVEN L	REGULATION OF RENIN SYNTHESIS AND RELEASE IN THE KIDNEY PROTEINASE IN FIBRINOLYSIS AND THROMBOLYTIC THERAPY	53,460 53,568
INSTITUTION TOTAL	2	107,028	
CITY TOTAL	2	107,028	
STATE TOTAL	2	107,028	

NIH
RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	DOLLARS AWARDED
WASHINGTON SEATTLE FRED HUTCHINSON CANCER RESEARCH CENTER 1K11 CA01391-01A1	JENISON, STEVE A	IMMUNE RESPONSES TO HPVS INVOLVED IN GENITAL NEOPLASIA	70,511
INSTITUTION TOTAL	1	70,511	
UNIVERSITY OF WASHINGTON 1K08 NS01371-01 1K08 AI00938-01	GRADY, MICHAEL S RYAN, CAROLINE A	GRAFTS MODIFYING HOST NEURON DEATH CHARACTERIZATION OF ERYTHROMYCIN RESISTANT CAMPYLOBACTER	62,640 60,707
INSTITUTION TOTAL	2	123,347	
CITY TOTAL	3	193,858	
STATE TOTAL	3	193,858	
TOTAL	87	5,676,344	

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